



Sequence Listing

<110> Kumar Verma
Singh, Lalji

<120> UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION

<130> U-013365-9

<140> 09/821782

<141> 2001-03-29

<160> 255

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 398" for amplifying fragment of cytochrome b gene
of animal species

<400> 1

taccatgagg acaaataatcta ttcttg

25

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Universal primer "mcb 869" for amplifying fragment of cytochrome b gene
of animal species

<400> 2

cctccctagtt tgtagggat tgatcg

26

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<210> 3
<211> 23
<212> DNA
<213> Artificial Sequence
<220>
<223> primer "AFF" for amplifying fragment of cytochrome b gene of
      animal species
<400> 3
ctagtagaat gaatctgagg agg

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23

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<210> 4
<211> 23
<212> DNA
<213> Artificial Sequence
<220>
<223> primer "AFR" for amplifying fragment of cytochrome b gene of
      animal species
<400> 4
tatgcaaata ggaagtatca ttc

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23

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<210> 5
<211> 328
<212> DNA
<213> adil.flesh
<220>
<223> DNA sequence generated from the confiscated skin of unknown animal
      origin using primers mcb398 and mcb869
<400> 5

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tgaatctgag	gaggcttctc	agtagacaaa	gctaccctga	cacgattctt	tgccttccac	60
ttcatccttc	catttatcat	ctcagctcta	gcagcagtcc	acctcctatt	cttcacgag	120
acaggatcta	acaaccctc	aggaatagta	tccgactcg	acaaaattcc	attccaccca	180
tactacacaa	tcaaagatat	cctgggcctt	ctagtaactaa	tccttagcact	catactactc	240
gtccttattct	caccagacct	gttaggagac	cccgataact	acatccctgc	caaccctcta	300
aataccctc	cccatatcaa	gcctgaat				328

<210> 6

<211> 328

<212> DNA

<213> bhz25t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 1 using primers mcb398 and mcb869

<400> 6

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgacttag acaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctgtactaa tcctaacact catactactc	240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta	300
aacaccctc cccatatcaa gcgcgaat	328

<210> 7

<211> 328

<212> DNA

<213> bhz26t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 2 using primers mcb398 and mcb869

<400> 7

tgaatctgag gaggottctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaaccctc aggaatagta tctgacttag acaaaatccc gttccaccca	180
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta	240
aacaccctc cccatatcaa gcgcgaat	300
	328

<210> 8

<211> 328

<212> DNA

<213> bhz30t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 3 using primers mcb398 and mcb869

<400> 8

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acaggatcta	acaacccttc	aggaatagta	tctgacttag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtaactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attagggac	cccgataact	acatccccgc	caaccctcta	300
aacacccttc	cccatatcaa	gcgcaat				328

<210> 9

<211> 328

<212> DNA

<213> bhz45t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal
number 4 using primers mcb398 and mcb869

<400> 9

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acaggatcta	acaacccttc	aggaatagta	tctgacttag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtaactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attagggac	cccgataact	acatccccgc	caaccctcta	300
aacacccttc	cccatatcaa	gcgcaat				328

<210> 10

<211> 328

<212> DNA

<213> bhz56t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*)
animal number 5 using primers mcb398 and mcb869

<400> 10

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acaggatcta	acaacccttc	aggaatagta	tctgacttag	acaaaatccc	gttccaccca	180
tactacacaa	tcaaagacat	cctgggcctt	ctagtaactaa	tcctaacact	catactactc	240
gtcctattct	caccagacct	attagggac	cccgataact	acatccccgc	caaccctcta	300
aacacccttc	cccatatcaa	gcgcaat				328

<210> 11

<211> 328

<212> DNA

<213> bhz63t

<220>

<223> DNA sequence generated from the known tiger (*Panthera tigris tigris*) animal number 6 using primers mcb398 and mcb869

<400> 11

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaacccttc aggaatagta tctgacttag aaaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta	300
aacacccttc cccatatcaa ggcgaaat	328

<210> 12

<211> 328

<212> DNA

<213> bhz20wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 1 using primers mcb398 and mcb869

<400> 12

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaacccttc aggaatagta tctgacttag aaaaaatccc gttccaccca	180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta	300
aacacccttc cccatatcaa ggcgaaat	328

<210> 13

<211> 328

<212> DNA

<213> bhz22wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 2 using primers mcb398 and mcb869

<400> 13

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcgcgaat 328

<210> 14

<211> 328

<212> DNA

<213> bhz23wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 3 using primers mcb398 and mcb869

<400> 14

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcgcgaat 328

<210> 15

<211> 328

<212> DNA

<213> bhz28wt

<220>

<223> DNA sequence generated from the known white tiger (*Panthera tigris tigris*) animal number 4 using primers mcb398 and mcb869

<400> 15

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgccttccac 60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag 120
acaggatcta acaaccctc aggaatagta tctgactcag aaaaaatccc gttccaccca 180
tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc 240
gtcctattct caccagacct attagggac cccgataact acatccccgc caaccctcta 300
aacaccctc cccatatcaa gcgcgaat 328

<210> 16

<211> 328

<212> DNA

<213> gz1L

<220>

<223> DNA sequence generated from the known leopard (Panthera pardus) animal number 1 using primers mcb398 and mcb869

<400> 16

tgaatctgag gaggcttctc agtagacaaa gctaccttga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt ccttcacgag	120
acaggatcta acaacccttc aggaatagta tccgactcag aaaaaattcc attccaccca	180
tactacacaa tcaaagatat cctgggcctt ctgtactaa tccttagcact catactactc	240
gtccttattct caccagacct gtaggagac cccgataact acatccctgc caaccctcta	300
aatacccttc cccatatcaa gcctgaat	328

<210> 17

<211> 328

<212> DNA

<213> gz2L

<220>

<223> DNA sequence generated from the known leopard (Panthera pardus) animal number 2 using primers mcb398 and mcb869

<400> 17

tgaatctgag gaggcttctc agtagacaaa gctaccttga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt ccttcacgag	120
acaggatcta acaacccttc aggaatagta tctgactcag aaaaaattcc attccaccca	180
tactacacaa tcaaagacat cctgggcctt ctgtactaa tccttagcact catactactc	240
gtccttattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta	300
aatacccttc cccatatcaa gcctgaat	328

<210> 18

<211> 328

<212> DNA

<213> gz3L

<220>

<223> DNA sequence generated from the known leopard (Panthera pardus) animal number 3 using primers mcb398 and mcb869

<400> 18

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ttcatccttc catttatcat ctcagctcta gcagcagtcc acctcctatt cttcacgag 120
acaggatcta acaacccctc aggaatagta tctgactcg acaaattcc attccaccca 180
tactacacaa tcaaagacat cctggcctt ctagtactaa tcttagcact catactactc 240
gtcctattct caccagacct gttgggagac cccgataact acatccccgc caaccctcta 300
aataacccctc cccatatcaa gcctgaat 328

<210> 19

<211> 328

<212> DNA

<213> gz21CL

<220>

<223> DNA sequence generated from the known clouded leopard (Neofelis nebulosa) animal number 1 using primers mcb398 and mcb869

<400> 19

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgatttt cgcccttccac 60
ttcatcctcc catttatcat ctcagcctta gcagcagtcc accttctatt tctccatgaa 120
aaggatcca ataacccctc aggaatggta tccgattcg acaaattcc gttccacccg 180
tactatacaa tcaaagatat cctaggcctc ctagttctaa ttcttagcgct cacactactt 240
gttctattct ccccagacct actaggagac cctgacaatt acactccccgc caaccctcta 300
aataacccctc cccatatcaa gcctgaat 328

<210> 20

<211> 328

<212> DNA

<213> gz22CL

<220>

<223> DNA sequence generated from the known clouded leopard (Neofelis nebulosa) animal number 2 using primers mcb398 and mcb869

<400> 20

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ttcatcctcc catttatcat ctcagcctta gcagcagtcc accttctatt tctccatgaa 120
aaggatcca ataacccctc aggaatggta tccgattcg acaaattcc gttccacccg 180
tactatacaa tcaaagatat cctaggcctc ctagttctaa ttcttagcgct cacactactt 240
gttctattct ccccagacct actaggagac cctgacaatt acactccccgc caaccctcta 300
aataacccctc cccatatcaa gcctgaat 328

<210> 21

<211> 328

<212> DNA

<213> darz14SL
 <220>
 <223> DNA sequence generated from the known snow leopard (Panthera unica)
 animal number 1 using primers mcb398 and mcb869
 <400> 21

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcg acaaaatccc gttccaccca	180
tactacacaaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtccttattct caccagacct attagggac gcccataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcccgaat	328

<210> 22
 <211> 328
 <212> DNA
 <213> darz15SL
 <220>
 <223> DNA sequence generated from the known snow leopard (Panthera unica)
 animal number 2 using primers mcb398 and mcb869
 <400> 22

tgaatctgag gaggcttctc agtacacaaa gcccacccctga cacgattctt tgccttccac	60
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcg acaaaatccc gttccaccca	180
tactacacaaa tcaaagacat cctgggcctt ctagtactaa tcctaacact catactactc	240
gtccttattct caccagacct attagggac gcccataact acatccccgc caaccctcta	300
aacacccctc cccatatcaa gcccgaat	328

<210> 23
 <211> 328
 <212> DNA
 <213> darz16SL
 <220>
 <223> DNA sequence generated from the known snow leopard (Panthera unica)
 animal number 3 using primers mcb398 and mcb869
 <400> 23

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctatt cctccatgag	120
acaggatcta acaacccctc aggaatagta tctgactcg acaaaatccc gttccaccca	180

tactacacaa tcaaagacat cctgggcctt ctagtactaa tcctaacaact catactactc
gtcctattct caccagacct attagggac gccgataact acatccccgc caaccctcta
aacacccctc cccatatcaa gcccgaat 240
300
328

<210> 24

<211> 328

<212> DNA

<213> sbz22AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 1 using primers mcb398 and mcb869

<400> 24

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctgtt cctccatgaa 60
acaggatcta ataacccctc aggaatggta tctgactcag ataaaattcc attccatcca 120
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacaact catactactc 180
gtcctattct caccagacct attaggagat cccgacaact ataccccccgc caatcctcta 240
agcacccctc cccatatcaa acctgaat 300
328

<210> 25

<211> 328

<212> DNA

<213> sbz38AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 2 using primers mcb398 and mcb869

<400> 25

tgaatctgag gaggcttctc agtagacaaa gccaccctga cacgattctt tgcccttccac
ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctgtt cctccatgaa 60
acaggatcta ataacccctc aggaatggta tctgactcag ataaaattcc attccatcca 120
tactatacaa tcaaagatat cctaggcctt ctagtactaa tcttaacaact catactactc 180
gtcctattct caccagacct attaggagat cccgacaact ataccccccgc caatcctcta 240
agcacccctc cccatatcaa acctgaat 300
328

<210> 26

<211> 328

<212> DNA

<213> sbz39AL

<220>

<223> DNA sequence generated from the known asiatic lion (*Panthera leo persica*) animal number 3 using primers mcb398 and mcb869

<400> 26

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ttcatccttc catttatcat ctcagcccta gcagcagtcc acctcctgtt cttccatgaa	120
acaggatcta ataaccctc aggaatggta tctgactcg ataaaattcc attccatcca	180
tactatacaa tcaaagatat cctaggcctt ctatgactaa tcttaacact catactactc	240
gtccttattct caccagacct attaggagat ccgacaact ataccccgcaatcctcta	300
agcaccctc cccatataaa acctgaat	328

<210> 27

<211> 328

<212> DNA

<213> humsk

<220>

<223> DNA sequence generated from the known human (*Homo sapiens sapiens*) using primers mcb398 and mcb869

<400> 27

tgaatctgag gaggctactc agtagacagt cccaccctca cacgattctt tacctttcac	60
ttcatcttgc ctttattat tgcagcccta gcagcactcc acctcctatt cttgcacgaa	120
acgggatcaa acaaccctt aggaatcacc tcccattccg ataaaatcat cttccaccct	180
tactacacaa tcaaagacgc cctcggctta cttctttcc ttctctcctt aatgacatta	240
acactattct caccagacct cctaggcgac ccagacaatt atacccttagc caaccctta	300
aacaccctc cccacatcaa gcccgaat	328

<210> 28

<211> 328

<212> DNA

<213> chimss

<220>

<223> DNA sequence generated from the known chimpanzee (*pan troglodytes*) animal using primers mcb398 and mcb869

<400> 28

tgaatctgag gaggctactc agtagacagc cttaccctta cacgattctt cacccttccac	60
tttatcttac ctttattat cacagcccta acaacacttc atctcctatt cttacacgaa	120
acaggatcaa ataaccctt gggaaatcacc tcccactccg acaaaaattac cttccaccct	180
tactacacaa tcaaagatat ccttggctta ttcctttcc tccttattcct aatgacatta	240
acactattct caccagacct cctggcgat ccagacaact atacccttagc taaccctta	300

aacacccac cccacattaa acccgaat

328

<210> 29

<211> 472

<212> DNA

<213> *Cervus nippon centralis*

<400> 29

taccatgagg acaaataatca ttctgaggag caacagtcat taccaacctc ctctcagcaa	60
ttccatataat tggcacaaac ctatcgaaat ggatctgagg gggcttctca gtagataaaag	120
caaccctaac ccgatttttc gcttccact ttattttcc atttatcatc gcagcacttg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatac ttaggcattct	300
tacttcttagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccggcagca aatccactca acacacccccc tcacatcaaa cctgaatgat	420
acttcctatt tgcatacgcatacgtt caattcccaa caaacttagga gg	472

<210> 30

<211> 472

<212> DNA

<213> *Cervus nippon yesoensis*

<400> 30

taccatgagg acaaataatca ttctgaggag caacagtcat taccaacctc ctctcagcaa	60
ttccatataat tggcacaaac ctatcgaaat ggatctgagg gggcttctca gtagataaaag	120
caaccctaac ccgatttttc gcttccact ttattttcc atttatcatc gcagcacttg	180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat	240
cggacgcaga caaaatcccc ttccatcctt actacaccat taaagatatac ttaggcattct	300
tacttcttagt actcttccta atattactag tattattcgc accagacctg cttggagatc	360
cagacaacta taccggcagca aatccactca acacacccccc tcacatcaaa cctgaatgat	420
acttcctatt tgcatacgcatacgtt caattcccaa caaacttagga gg	472

cagacaacta taccccgagca aatccactca acacacccccc tcacatcaaa cctgaatgat 420
acttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472

<210> 31

<211> 472

<212> DNA

<213> *Cervus nippon keramae*

<400> 31

taccatgagg acaaataatca ttctgaggag caacagtcat taccacacctt ctctcagcaa 60
ttccatacat tggcacaaac ctatcgaaat ggatctgagg aggctttca gtagataaaag 120
caaccctaac ccgatttttc gccttccact ttattttcc atttatcatc acagcactcg 180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat 240
cggaacgcaga caaaatcccc ttccatcctt actataccat taaagatatac cttaggcatt 300
tacttctagt actcttcctg atattactag tattattcgc accagacctg ctggagatc 360
cagacaacta caccggcagca aatccgctca acacacccccc tcacatcaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472

<210> 32

<211> 472

<212> DNA

<213> *Cervus nippon pulchellus*

<400> 32

taccatgagg acaaataatca ttctgaggag caacagtcat taccacacctt ctctcagcaa 60
ttccatacat tggcacaaac ctatcgaaat ggatctgagg aggctttca gtagataaaag 120
caaccctaac ccgatttttc gccttccact ttattttcc atttatcatc acagcactcg 180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat 240
cggaacgcaga caaaatcccc ttccatcctt actataccat taaagatatac cttaggcatt 300
tacttctagt actcttcctg atattactag tattattcgc accagacctg ctggagatc 360
cagacaacta caccggcagca aatccgctca acacacccccc tcacatcaaa cctgaatgat 420
atttcctatt tgcatacgca atcctacgat caattccaa caaactagga gg 472

<210> 33

<211> 472

<212> DNA

<213> *Cervus nippon nippon*

<400> 33

taccatgagg acaaataatca ttctgaggag caacagtcat taccacacctt ctctcagcaa 60
ttccatacat tggcacaaac ctatcgaaat ggatctgagg aggctttca gtagataaaag 120
caaccctaac ccgatttttc gccttccact ttattttcc atttatcatc acagcactcg 180
ctatagtaca cttactcttc cttcacgaga caggatccaa caacccaaca ggaatcccat 240

cggacgcaga caaaatcccc ttccatcctt actataccat taaagatatc ctggcatct	300
tacttctagt actcttcctg atattactag tattattcg accagacctg cttggagatc	360
cagacaacta caccggcagca aatccgctca acacacccccc tcacatcaa cctgaatgat	420
atttcttatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 34

<211> 472

<212> DNA

<213> *Cervus elaphus scoticus*

<400> 34

taccatgagg acaaataatca ttctgaggag caacagtcat caccaacctt ctctcagcaa	60
ttccatataat tgggacaaac ctagtcgaat ggatctgagg aggctttca gtagacaaag	120
caacccttaac ccgattttc gcttccact ttattctccc atttatcatc gcagcactcg	180
ctatagtaca cttactctt cttcacgaaa caggatctaa taacccaaaca ggaattccat	240
cagacgcaga caaaatcccc tttcatcctt attataccat taaagatatc ttaggcacatc	300
tacttcttgc actcttccta atattactag tattattcg accagaccta cttggagatc	360
cagataacta caccggcagca aacccactca acacacccccc tcataattaaa cctgaatgat	420
atttcttatt tgcatacgca atcctacgat caattcccaa caaactagga gg	472

<210> 35

<211> 472

<212> DNA

<213> *Cervus dama*

<400> 35

taccatgagg acaaataatca ttctgaggag caacagttat taccaatctt ctctcagcaa	60
tcccatataat tggtacaaac ctagttgaat gaatctgagg aggctttca gtagacaaag	120
caacccttaac tcgattttc gcttccact ttattctacc attcatcatt gcggcacttg	180
ctatagtaca tttactctt cttcacgaga caggatccaa taacccaaaca ggaatccat	240
cagatgtaga taaaattccc tttcatccct actacaccat taaagatatt ttaggcaccc	300
tattcttatt tctcttccta ataacactag tactattgc accagacttg cttggagacc	360
cagacaaata cactccagca aatccactca acacacctcc tcataattaaa cccgaatgat	420
atttcttatt tgcatacgca atcctacgat caattcccaa taaattagga gg	472

<210> 36

<211> 472

<212> DNA

<213> *Rangifer tarandus*

<400> 36

taccatgagg acaaataatca ttctgaggag caacagttat cacaaacctc ctctcagcaa	60
ttccatataat tggtacaaat ctagtcgaat gaatttgagg aggattttct gtagataaag	120

caaccctaac ccgattttt gctttcaact ttattcttcc atttattatc gcagcactcg	180
ctatagtcca tttgcttttc cttcacgaaa cagggtctaa caatccaaca ggaattccat	240
cagactcaga taaaattcca ttccatccc attatactat caaagacatt ctggcatcc	300
tactcctaatt tctcttcctt atactactag tattatgtc accagactta cttaggagacc	360
cagacaacta taccccgca aacccactca acactcccc tcataattaaa cctgaatgtat	420
actttctatt cgcatatcgca atcctacgat caattccaaa taaacttagga gg	472

<210> 37

<211> 472

<212> DNA

<213> *Moschus fuscus*

<400> 37

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ttccatacat tggtaataat ctgggttgaat gaatttggagg aggcttctca gtagacaaaag	120
caacactcac tcgattcttt gccttcaact tcattctccc atttatactc gcagcactcg	180
ctatggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcacat	240
cagatataga caaaaatccca ttccacccctt actacaccat caaagacatt cttaggtgtcc	300
tattactaat cttagtctta ataacactag tactattcac acctgattta ctggagacc	360
cggacaattt taccccgca aacccattaa atacgcccccc acatattaaa cccgaatgtat	420
atttcctatt tgcataatgcc attctacgat caattccaaa caaacttagga gg	472

<210> 38

<211> 472

<212> DNA

<213> *Moschus leucogaster*

<400> 38

tactttggagg acaaataatct ttcttggagg caacagttat taccaatctt ctctcagcaa	60
ttccatacat tggtaataat ctgggttgaat gaatttggagg aggcttctca gtagacaaaag	120
caacactcac ccgattcttt gccttcaact tcattctccc atttatactc gcagcactcg	180
ctatggttca cctactcttt ctccacgaaa caggatccaa caacccaaca ggaatcacat	240
cagatataga caaaaatccca ttccacccctt actacaccat caaagacatt cttaggtgtcc	300
tattactaat cttagtctta ataacactag tactattcac acctgattta ctggagacc	360
cggacaattt taccccgca aacccattaa atacgcccccc acatattaaa cccgaatgtat	420
atttcctatt tgcataatgcc attctacgat caattccaaa caaacttagga gg	472

<210> 39

<211> 472

<212> DNA

<213> *Moschus chrysogaster*

<400> 39

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ttccatacat tggtaactaac ctgggtgaat gaatttggagg aggttctca gtagacaaag	120
caacactcac tcgattctt gccttcaact tcattctccc atttatcatc gcagcactcg	180
ctatggttca cctactctt ctccacgaaa caggatccaa caacccaaca ggaatcacat	240
cagacataga caaaatccca ttccacccct actacaccat caaagacatt ctaggtgtcc	300
tattactaat ctttagtctta ataacactag tactattcac acctgattta cttggagacc	360
cggacaatta taccggca aaccattaa atacgcccc acatattaaa cccgaatgat	420
acttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg	472

<210> 40

<211> 472

<212> DNA

<213> *Moschus berezovskii*

<400> 40

taccttgagg acaaataatct ttctgaggag caacagttat taccaatctt ctctcagcaa	60
ttccctacat tggtaactaat ctgggtgaat gaatctgagg aggcttctca gtagacaaag	120
caacactcac ccgattctt gccttcaact tcattctccc atttatcatc gcagcactcg	180
ctatggttca cctactctt ctccacgaaa caggatccaa caacccaaca ggaatcacat	240
cagacataga caaaatccca ttccacccct actacactat caaagacatt ctaggtgtcc	300
taataactaat ctttagtctta atagactag tactattcac acccgattta cttggagacc	360
cggacaatta taccggca aaccattaa acacaccacc acatattaaa cccgaatgat	420
acttcctatt tgcatatgcc attctacgat caattcccaa caaactagga gg	472

<210> 41

<211> 472

<212> DNA

<213> *Moschus moschiferus*

<400> 41

taccttgagg acaaataatct ttctgaggag caacagtcat cactaacctt ctctcagcaa	60
ttccctacat tggtaactaac ctgggtgagt gaatttggagg aggcttctca gtagacaaag	120
caacactcac ccgattctt gccttcaact ttatctccc atttatcatc gcagcactcg	180
ccatggttca tctactctt ctccatgaaa caggatccaa taacccaaca ggaatcacat	240
cagacataga caaaatccca ttccacccct actacaccat caaagatatt ctaggtatcc	300
tattactaat cttaatctta atagcactag tgctattac acccgacta cttggagatc	360
cggacaacta tactccagca aaccattaa atacacctcc acatattaaa cccgaatggt	420
acttcctatt tgcatatgcc attctacgat caattctaa taaactagga gg	472

<210> 42

<211> 472

<212> DNA

<213> *Kobus ellipsiprymnus*

<400> 42

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ttccatacat tggcacaaac ctatcgaaat gaatctgagg aggatttca	gtagataagg	120
caaccctac ccgcttcttc gccttccact ttattctccc atttacatc	gcggctat	180
ccatagtcca tcttctgttt ctccatgaaa caggatccaa taatcccaca	ggaatctcat	240
cagacataga taaaatccca ttccacccct actacaccat caaagacatt	ctaggcgccc	300
tactactaat cctagtccta atactcctag ttctattcgc ccccgaccta	cttggagatc	360
ctgacaacta tgccccagca aaccactta acacgcccct cacaattaaa	cctgaatgat	420
acttcttatt cgcatatgca attctacgat caatccccaa caaacttagga	gg	472

<210> 43

<211> 472

<212> DNA

<213> Kobus megaceros

<400> 43

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tcccatatat cggcacaaac ctatcgaaat gaatctgagg aggatttca	gtagacaaag	120
caaccctac ccgcttcttc gccttccact ttatcctccc atttacatc	gcagctatcg	180
ctatagtcca cctactattc ctccatgaaa caggatctaa caaccctaca	gggatttcat	240
cagacacaga caaaatccca ttccacccat attataccat caaagatatt	ctaggtgccc	300
tcctattaaat cctaatacta atactcctag tactatttgc ccccgaccta	cttggagacc	360
ctgacaatta taccggcagca aaccactta atacacctcc ccatattaaa	cccgaaatgat	420
atttcttatt cgcatatgca attttacgat caattcctaa taaactggga	gg	472

<210> 44

<211> 472

<212> DNA

<213> Redunca arundinum

<400> 44

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tcccatatat cggcacaaac ctatcgaaat gaatctgagg aggatttca	gtcgataaaag	120
caaccctac ccgatttcttc gccttccact ttatcctccc attcattatc	acagccctcg	180
ctatagtaca cctactattc ctccacgaaa caggatccaa caaccctaca	ggaatctcat	240
cagatgtaga caaaatccca tttcatccat actatactat caaggacgtc	ctaggcgccc	300
tactgcta atctggccta atgctcttag tattattcac ccctgaccta	cttggagatc	360
ccgacaatta tactccagca aatccactca acacacccccc tcatattaaa	cccgaaatgat	420
acttcttatt tgcatatgca atcctacgat caatccccaa taaacttagga	gg	472

<210> 45

<211> 472

<212> DNA

<213> *Redunca fulvorufula*

<400> 45

tgccatgggg acaaataatcc ttctgaggag caacagttat cactaacctt ctctcagcaa	60
tcccatacat cggcacaarc ctagttgaat gaatctgagg aggrttctca gtggataaaag	120
caaccctcac tcgattcttc gccttccact ttatcctccc atttatcatc atagccctcg	180
ctatagtcca cctactattc ctccatgaaa caggatccaa caacccaca ggggtttcat	240
cagayatgga caaaaatccca ttccacccnt actacaccat caaagayatt ctaggtgcc	300
tactactaat cctggcccta acactattag tactattcac ccctgaccta ctggagacc	360
cggacaatta cacccagca aaccactca acacacccccc tcacatcaa ccagaatggt	420
acttcttatt ngcatacgca atcctacgat caatcccaa taaacttagga gg	472

<210> 46

<211> 472

<212> DNA

<213> *Neotragus moschatus*

<400> 46

tgccatgggg acaaataatcc ttctgaggag caacagtcata caccaatcta ctatcagcaa	60
tcccatatat cggcacaac ctagtcaat gaatctgagg gggtttctca gtagacaaag	120
caaccctcac ccgattttt gccttccact tcattctccc atttatcatc gcagcactcg	180
ccatagtcca cttactcttc ctacacgaaa caggatccaa caacccaca ggaatctcat	240
cagacgcaga caaaaatccca ttccacccct actacaccat taaagacatt ctaggcgc	300
tctactaat tctagtctca acactcttag ttttatttgc acctgacctt ttaggagacc	360
cagacaacta caccggcga aaccctctta acacgcctcc ccataatcaa cccgaatgat	420
actttttatt cgcatatcgca atcctacgat caatcccaa taaacttagga gg	472

<210> 47

<211> 472

<212> DNA

<213> *Pelea capreolus*

<400> 47

taccatgagg acaaataatcc ttctgaggag caacagtcata caccaacctt ctctcagcaa	60
tcccatacat tggtacaaac ctagtcaat gaatctgagg gggattttca gtagacaaag	120
caaccctcac ccgattttt gccttccact ttattctccc atttatcatc gcagccctca	180
ccatagtaca cttgctttt cttcatgaaa caggatctaa taacccacg ggaattccat	240
ccgacataga caaaaattccca ttccacccat actacaccat taaagatatt ctaggcgc	300
tattactaat cctaattctca acactcttag tattatttac ccctgaccta ttaggagacc	360
ctgacaatta caccctgca aaccgcgtca acacacccccc tcataatcaa cccgaatgat	420
atttcctatt tgcataatgcg attctacgat caattcccaa caaacttagga gg	472

<210> 48

<211> 472

<212> DNA

<213> Antilope cervicapra

<400> 48

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tcccatatcat cggcacagac ctagtagaaat gaatctgagg agggttctca gtagataaaag	120
caacccttac ccgatttttc gccttccact ttatcctccc atttatttcatt gcagccctta	180
ccatagtaca cctactgttt ctccacgaaa caggatccaa caacccaca ggaatctcat	240
cagacgcaga caaaattcca ttccacccct actacactat caaagatatc ctaggagctc	300
tactattaat tttaaccctc atgctttag tcctattctc accggacctg cttggagacc	360
cagacaacta tacaccagca aacccactta atacaccccc acatatcaag cccgaatgat	420
acttcctatt tgcatacgca atcctccgat caattcctaa caaacttagga gg	472

<210> 49

<211> 472

<212> DNA

<213> Saiga tatarica

<400> 49

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tcccatatcat cggcacagac ctagtagaaat gaatctgagg gggttttca gtagataaaag	120
caaccctcac ccgatttttc gccttccact tcattcctccc atttatttattc gcagctctcg	180
ctatagtcca cctactttt ctccacgaaa caggatctaa caacccaca ggaatcccat	240
cagattcaga caaaatcccc ttccacccct actacaccat taaagacatt ctaggcgcac	300
tactacttat tctaattcctc atacttctag tcctatttcc accagacctg cttggagacc	360
cagacaacta cacccagca aacccactta acacaccccc acatattaaa cccgaatgat	420
acttcctatt tgcatacgca atcctccgat caattcctaa taaacttagga gg	472

<210> 50

<211> 472

<212> DNA

<213> Gazella dama

<400> 50

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tcccatatcat cggcacagac ctagtagaaat gaatctgagg aggattctca gtagataagg	120
caacactcac ccgatttttgccttccatt tcattcctccc atttatttcatt gcagcccttg	180
ccatagttcac tctattttt ctccacgaaa caggatccaa caacccaca ggaatttcat	240
cagatgcaga caaaattccg ttccacccct actacaccat caaagacatt ctaggagcac	300
tactattaat tctagccctc atacttctag ttctatttcac accagatctg cttggagacc	360
cagacaacta cacccagca aatccactca atacaccccc acatattaaa cctgagcgat	420
acttcctatt tgcatacgca attctccgat caattcctaa taaacttagga gg	472

<210> 51

<211> 472

<212> DNA

<213> Ourebia ourebi

<400> 51

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ttccatacat	tggtacaaac	ctagtcgaat	gaatctgagg	agggttctca	120
caactctaac	ccgattcttt	gccttcaact	tcatcctccc	attcatcatt	180
ccacagtcca	cctactattc	cttcacgaaa	cgggatccaa	caatcccaca	240
cagatgcaga	caaggccc	ttccacccct	actacaccat	taaagacatc	300
tctactaat	tctagccctc	atgctcctag	tcctattcac	accagacctg	360
cagacaacta	tacaccagca	aacccactaa	atacacccccc	acatattaaa	420
atttcctatt	cgcatacgca	attctccgat	cgattcccaa	caaacttagga	472

<210> 52

<211> 472

<212> DNA

<213> Gazela gazella

<400> 52

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tcccatacat	cggcacaaac	ctagtagaat	gaatctgagg	gggattctcg	120
caacactcac	ccgattcttt	gctttcaact	ttatcctccc	attcatcatt	180
ctatagtcca	cttattattc	cttcatgaaa	cagatccaa	taacccaca	240
cagacgcaga	caaaatccca	tttcacccct	actacaccat	caaggacatt	300
tactactaat	cctagttctt	atactcctag	ttctgttctc	accggaccta	360
cagacaacta	tacaccagca	aatccactca	acacacccccc	acacatcaaa	420
acttcttatt	cgcatacgca	attctccgat	caattcccaa	taaacttagga	472

<210> 53

<211> 472

<212> DNA

<213> Raphicerus melanotis

<400> 53

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ttccctacat	tggcacaaac	ctagtagaat	ggatctgagg	aggatttca	120
caaccctcac	ccgattcttc	gctttcaact	tcagttctcc	atttatcatc	180
ctatagtcca	cctactttc	ctccacgaaa	ctggatccaa	caacccaca	240
cagatataga	caaaatccca	tttcacccct	actacaccat	taaagacatt	300
tcctattaat	cctaaccctt	atgcttctag	ttctattcgc	accagaccta	360
cagacaacta	tacaccagca	aacccactca	acacacccccc	acatatcaaa	420
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<210> 54

<211> 472

<212> DNA

<213> Madoqua kirkii

<400> 54

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tcccatatat cggcacaaac ttagttgaat gaatctgagg gggcttctca gtagacaaag	120
caaccctcac ccgattcttc gccttccatt ttattctccc attcattatt gcagccctag	180
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tactactaat tataggcctc atactccttag ttctattctc accagacctg ctcggagacc	360
cagacaacta cacaccagca aatcccttaa acacgcccccc acacattaaa cctgaatgat	420
atttcctatt cgcatatgca atcctccgat caatccctaa caaactaggg gg	472

<210> 55

<211> 472

<212> DNA

<213> Antilocapra americana

<400> 55

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tcccatatacat tggtaactaac ctagtagaaat gaatctgagg gggatttctca gtagacaaag	120
caaccctcac ccgattcttc gcattccact ttatcctccc attcatcatt gcagcactag	180
ccatagtaca cttactattc ctccacgaaa caggatccaa caacccacaca ggaatcccat	240
cagacgcaga caaaatccca ttccacccat actacacccat caaagacatt ctaggagcac	300
tactaataat cttagcccta ataatactag tactattctc accagacctg ttaggagacc	360
ccgacaacta cacaccagct aacccactca acactcccccc acacattaag ccagaatgat	420
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<210> 56

<211> 472

<212> DNA

<213> Tragulus javanicus

<400> 56

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tcccatatacat tggcacagac ttggtcgaat gaatctgagg tggttttca gtagacaaag	120
caacccttac acgattcttt gccttccact ttatcctcc atttacattt acagccctag	180
tccttagtcca ctttttattt ctccacgaaa caggatctaa taacccacaca ggaatccct	240
cagacgcaga caaaatcccc ttccacccat actacactat taaagacatt ctaggggttc	300
tagccctatt tctagcccta atactactag tcctattctc acccgaccta cttggagacc	360
cagataacta caccggcc aaccccttaa acacaccacc ccatatcaaa cccgaatgat	420
atttcctatt tgcatatcgca attcttcggt caatccccaa taaactagga gg	472

<210> 57

<211> 472

<212> DNA

<213> *Tragulus napu*

<400> 57

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tccctatatat cggcaccgaa ctagttgaat gaatctgagg cgggttctca gtagacaaag	120
caacccttac acgattttt gccttccact tcatacctccc atttgcattt acagccctag	180
cccttagtcca tcttttattt ctccacgaga caggatcaa taacccaca ggaatcccct	240
cagacgcaga caagatcccc ttccacccat actacaccat caaagatgtc ctaggggctc	300
tagtcctaattt actagtcctt ctattactag tccttatttc accggacttg ttgggagacc	360
ccgacaatttta cactccggca aacccctca acacaccacc tcataattaag ccagagtgg	420
atttcctattt cgcatacgca atcctacgat caatcccaa taaatttagga gg	472

<210> 58

<211> 472

<212> DNA

<213> *Balaenoptera acutorostrata*

<400> 58

taccctgagg acaaataatca ttttgagggtg caaccgtcat caccaacctc ctatcagcaa	60
tcccatatatat tggtaatcacc ttagtcaat gaatctgagg tggcttctct gtagacaaag	120
caacattaac acgctttttt gccttccact tcatacctccc ttttatttattt ctagcatttag	180
caattgtcca cctcattttt ccctcacgaaa caggatccaa taacccaca ggtatcccct	240
ctgacataga caaaatccca ttccacccctt actacacaat caaagacattt ctaggcgccc	300
tactactaat tcttaacccta ctagcactaa cccttattcgc accggacctg cttggagacc	360
ccgacaacta tacccttccagca aacccactca gtaccccccacgca acacattaaa ccagaatgt	420
acttcctattt cgcatacgca atcctacgat caatccctaa taaacttaggc gg	472

<210> 59

<211> 472

<212> DNA

<213> *Balaenoptera bonaerensis*

<400> 59

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caacattaac acgctttttt gccttccact tcatacctccc ttttatttattt ctagcatttag	180
caattgtcca cctcattttt ccctcacgaaa caggatccaa taacccaca ggtatcccct	240
ctgatataca caaaatccca ttccacccctt attacacaat caaagacattt ctaggcgccc	300
tactactaat tcttaacccta ctaacactaa cccttattcgc accggacctg ctcggagacc	360
ccgacaacta cacccttccagca aacccactca gtaccccccacgca acacattaaa ccagaatgt	420
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<210> 60

<211> 472

<212> DNA

<213> *Balaenoptera borealis*

<400> 60

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caacactaac acgctttttt gccttccact tcattctccc cttcattatt ctgcactag	180
caatggtcca cctcattttc ctccatgaaa caggatccaa caacccaca gttattccat	240
ccgacataga caaaatccca ttccaccctt actacacagt taaagacatt ctggcgccc	300
tactactaat cctaacccta ctaatactaa ccctattcgc acccgacctg cttggagacc	360
cagacaacta caccggcagca aatccactca gtaccccaac acacattaaa ccagaatgtat	420
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<210> 61

<211> 472

<212> DNA

<213> *Balaenoptera edeni*

<400> 60

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caacactaac acgctttttt gccttccact ttatcctccc cttcattatt ctgcactag	180
caatggtcca cctcattttc ctccacgaaa caggatccaa taacccaca gttattccat	240
ccaaacataga caaaatccca ttccaccctt attacacaac taaagacatt ctggcgccc	300
tactactaat cctaacccta ctaatgctaa ccctattcgt acccgaccta cttggagacc	360
cagacaacta cactccagca aatccactca gtaccccaac acacattaaa ccagaatgtat	420
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<210> 62

<211> 472

<212> DNA

<213> *Eschrichtius robustus*

<400> 62

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caacactaac acgctttttt gccttccact tcattctccc attcattatc ctgcactag	180
caattgtcca cctcattttc ctccacgaaa cggatccaa caacccaca ggcattccat	240
ccaaacataga caataatccca ttccaccctt attacacaat taaagacata ctggcgccc	300
tgtactaat cctaacccta ctaatactaa ccctattcgc acccgacctg cttggagacc	360
cagacaacta taccggcagca aatccactca gcaccccaac acatattaaa ccagagtgtat	420
atccctatt tgcatacgcatacgt cgatcccaaa caaatttaggc gg	472

<210> 63

<211> 472

<212> DNA

<213> *Balaenoptera musculus*

<400> 63

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caacactaac	acgcttcttt	gccttccact	tcattctccc	cttcatcatt	atagcattag	180
caatcgcca	cctcatcttc	tttcacgaaa	caggatccaa	caaccccaca	ggtatcccat	240
ctgacataga	taaaaattcca	ttccacccct	actacacaat	taaagacatt	ctaggcgccc	300
tactactaat	cctaaccctta	ctaattattaa	ctcttatttgc	acccgactta	ctcggagacc	360
cagacaacta	caccccaagca	aacccactca	gtaccccagc	acacattaaa	ccagagtgtat	420
atttcctatt	tgcataatgca	atcctacgat	caatccccaa	caaatttaggc	gg	472

<210> 64 -

<211> 472

<212> DNA

<213> *Megaptera novaeangliae*

<400> 64

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caacactaac	acgtttctt	gcttccact	tcatcctccc	cttcatcatt	acagcattag	180
caatcgcca	cctcattttc	ctccacgaaa	caggatccaa	caacccccaca	ggcatcccat	240
ccaacataga	caaaatccca	ttccaccctt	actacacaaat	caaagacact	ctaggcgccc	300
tattactaat	cctaacccta	ctaatgttaa	ccctattcgc	acctgacctg	cttggagacc	360
cagataacta	caccccgagca	aaccactca	gtaccccgagc	acacattaaa	ccagagtgtat	420
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<210> 65

<211> 472

<212> DNA

<213> *Balaenoptera physalus*

<400> 65

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caacactaac acgctttttt gccttcact ttatcctccc ctcatcatc cttagcattag	180
caattgtcca ctttattttc cttcacgaaa caggatccaa caaccccaaa ggcatcccat	240
ccgacataga taaaatccca ttccacccct accacacaat taaagacatt cttaggtgccc	300
tattactaat cctaattctta ctaatactaa ccctattcgc acccgaccta cttggagacc	360
cagacaacta taccggcagca aacccactca gtaccccgac acacattaaa ccagaatgt	420

attttctatt cgcatatcgca atcctacgat caatccccaa caaacttaggc gg 472
 <210> 66
 <211> 472
 <212> DNA
 <213> Caperea marginata
 <400> 66

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cgacactaac tcgcttcttt	gcttccact	tcatacctccc	tttcatattt	ctagcgctag	180
cagctgttca ttccttttc	ctccacgaaa	cagatctaa	caacccaca	ggcatccat	240
ccaacataga caaaaattcca ttccaccctt	actacacaat	taaagacatc	ctggcggtcc	300	
tactactaat cctgacccta ctaatattaa	ccttatttac	acctgaccctg	cttggagacc	360	
ctgacaacta caccaggca aatccccta	gcacccagc	acacatcaag	ccagaatgat	420	
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<210> 67
 <211> 472
 <212> DNA
 <213> Cephalorhynchus commersonii
 <400> 67

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caacactaac acgcttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca cctactattc	ctacacgaaa	caggatccaa	caacccaca	ggaatccat	240
ccaacataga cataatccca ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300	
tattcctaatt cctaacccta	ctagcattaa	cccttattgc	ccccgacta	ctaggagacc	360
ctgataacta tacccaggca aatccattaa	gcaccccg	acacatcaaa	ccagagtgt	420	
acttcctatt cgcatatgca atcctacgat	caattccaa	taaacttgg	gg	472	

<210> 68
 <211> 472
 <212> DNA
 <213> Cephalorhynchus eutropia
 <400> 68

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caacactaac acgcttttc	gccttccact	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca cctactattc	ctacacgaaa	caggatccaa	caacccaca	ggaatccat	240
ccaacataga cataatccca ttccaccctt	attacacaat	taaagacatc	ctaggcgctt	300	

tattccta at cctaacccta ctagcactaa ccctattcgc ccctgaccta ctaggagacc	360
ctgataacta tacccagca aatccattaa gcaccccgac acacatcaa ccagaatgtat	420
acttcctatt cgcatatgca atcctacgt caattcctaa taaacttgga gg	472

<210> 69

<211> 472

<212> DNA

<213> *Lagenorhynchus obliquidens*

<400> 69

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caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattag	180
cagccgtcca cctactattt ctacacgaaa caggatccaa caacccaca ggaatccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc cttaggcgtt	300
tattccta at cctaacccta ctagcactaa ccctattcgc ccctgaccta ctaggagacc	360
ctgataacta tacccagca aatccattaa gcaccccgac acacatcaa ccagaatgtat	420
acttcctatt cgcatatgca atcctacgt caattcctaa taaacttgga gg	472

<210> 70

<211> 472

<212> DNA

<213> *Cephalorhynchus heavisidii*

<400> 70

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caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattag	180
cagccgtcca tctactattt ctacacgaaa caggatccaa caacccaca ggaatccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc cttaggcgtt	300
tattccta at cctaacccta ctagcactaa ccctattcgc ccctgaccta ctgggagacc	360
ctgataacta tacccagca aatccattaa gcaccccgac acacatcaa ccagaatgtat	420
acttcctatt cgcatatgca atcctacgt caattcctaa taaacttgga gg	472

<210> 71

<211> 472

<212> DNA

<213> *cephalorhynchus hectori*

<400> 71

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caacactaac acgcttttc gccttccact ttatcctccc attcatcatc acagcattaa	180

cagccgtcca	cctactattc	ctacacgaaa	caggatccaa	caacccca	ggaattccat	240	
ccaaacataga	cataatccca	ttccacccctt	attacacaat	taaagacatc	ttaggcgctt	300	
tattccta	at	cttaatccta	ctagcactaa	cccttattcgc	ccctgaccta	ctaggagacc	360
ctgataacta	taccccgca	aatccattaa	acaccccgca	acacatcaa	ccagaatgat	420	
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<210> 72

<211> 472

<212> DNA

<213> *Lagenorhynchus australis*

<400> 72

<210> 73

<211> 472

<212> DNA

<213> *Lagenorhynchus cruciger*

<400> 73

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caacactaac acgcttttc gcttccact tcatcctccc attcatcatc acagcattag 180
cagccgtcca cctgttattc ctacacgaaa caggatccaa caacccca ggaatccat 240
ccaacataga cataatccca ttccaccctt actacacaat taaagacatc ctaggcgctt 300
tattcctaatt cctaacccta ctagcactaa ccctgttccac ccctgaccta cttaggagacc 360
ctgacaacta taccggc aatccattaa gcaccccccgc acacatcaaa ccagaatgt 420
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<210> 74

<211> 472

<212> DNA

<213> *Lagenorhynchus obscurus*

<400> 74

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caacactaac acgcttttc gctttccact ttatcctccc attcatcatac acagcattag	180
cagccgtcca cctactattc ctacacgaaa cagaatccaa caacccaca ggaatccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctaggtgctt	300
tattcctaattctacta ctaacactaa ctttattcac ccccgaccta ctaggagacc	360
ctgataacta tacccagca aatccattaa gcacccagc acacatcaaa ccagaatgat	420
atccctatt cgcatacgca atcctacgat caattcctaa taaacttggaa gg	472

<210> 75

<211> 472

<212> DNA

<213> *Lissodelphis borealis*

<400> 75

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tcccctacat cggtaactacc ttagtagaaat gaatctgagg cggtttcc gtagacaaag	120
caacactaac acgcttttc gctttccact ttatcctccc attcatcatac acagcattag	180
cagctgttca cctactattc ctacacgaaa caggatccaa caacccaca ggaattccat	240
ccaacataga cataatccca ttccaccctt attacacaat taaagacatc ctggcgctt	300
tattcttaattctacta ctagcactaa cccttattcac ccctgaccta ttaggagacc	360
ctgataacta cacccagca aatccattaa gcacccctgc acacatcaaa ccagaatggt	420
atccctatt tgcatacgca atcctacgat caattcctaa taaacttggaa gg	472

<210> 76

<211> 472

<212> DNA

<213> *Lissodelphis peronii*

<400> 76

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tcccctacat cggtaactacc ttagtagaaat gaatctgagg cggtttcc gtagacaaag	120
caacactaac acgcttttc gctttccact ttatcctccc attcatcatac acagcattag	180
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tattcttaattctacta ctagcactaa cccttattcac ccctgacctg ttaggagatc	360
ctgataacta cacccagca aatccattaa gcacccctgc acacatcaaa ccagaatggt	420
atccctatt cgcatacgca atcctacgat caattcctaa taaacttggaa gg	472

<210> 77

<211> 472

<212> DNA

<213> *Globicephala macrorhynchus*

<400> 77

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caacactaac	ac	gttttttc	gcttccact	ttatcctcc	attcatcatc	acagcattag	180
tagctgtcca	c	cgttattc	ctacacgaaa	caggatccaa	taacccata	ggaatccat	240
ccaacataga	c	ataattcca	ttccacccct	attatacaat	taaagacatc	ctaggcgccc	300
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ctgataacta	t	actccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgtat	420
atttcctatt	c	cgcatatgca	atcttacat	caattccaa	taaacttgga	gg	472

<210> 78

<211> 472

<212> DNA

<213> *Globicephala melas*

<400> 78

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caacactaac	ac	gttttttc	gcttccact	ttatcctcc	attcatcatc	acaacattag	180
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ctgataacta	t	actccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagaatgtat	420
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<210> 79

<211> 472

<212> DNA

<213> *Feresa attenuata*

<400> 79

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caacactaac	ac	gttttttc	gcttccact	ttatcctcc	attcatcatc	acagcattag	180
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ctgataacta	a	actccagca	aatccactaa	gcacccctgc	acacatcaaa	ccagagtgtat	420
atttcctatt	c	cggtatgca	atcttacat	caattccaa	taaacttgga	gg	472

<210> 80

<211> 472

<212> DNA

<213> *Peponocephala electra*

<400> 80

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caacactaac	ac	gttttttc	gcttccact	tcatcctccc	attcatcatc	acagcattgg	180
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ctaacaacta	tac	cccgagca	aacccactaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 81

<211> 472

<212> DNA

<213> *Grampus griseus*

<400> 81

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caacactaac	ac	gctttttc	gcttccact	ttatcctccc	attcatcatc	acagcattag	180
tagctgtca	c	cgttattc	ctacacgaga	cagatccaa	taacccaca	ggaatcccat	240
ccaacataga	c	ataattcca	ttccacccct	attacacaat	taaagacatc	ctaggcgccc	300
tactccta	at	cctaaca	ctaacaactaa	ccctattcac	ccctgaccta	ctaggagacc	360
ctgataacta	c	actccagca	aacccgctaa	gcacccctgc	acacatcaaa	ccagaatgat	420
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<210> 82

<211> 472

<212> DNA

<213> *Pseudorca crassidens*

<400> 82

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caacactaac	ac	gttttttc	actctccact	ttatcctccc	attcatcatt	acagcactaa	180
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ccaacataga	c	ataattcca	ttccacccct	attacacaat	taaagatatc	ctaggcgccc	300
tactcttaat	t	cctaaca	ctaacaactaa	ccctattcac	ccccgaccta	ctaggagacc	360
ctgataacta	t	attccagca	aacccactaa	acacccctgc	acacatcaaa	ccagaatgat	420
at	ttccttatt	cgcata	atcttacgat	caattctaa	taaacttgga	gg	472

<210> 83

<211> 472

<212> DNA

<213> *Lagenorhynchus acutus*

<400> 83

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caacactgac acgcttttc gccttccatt tcatacctccc attcataatt acagcattag	180
cagctgttca cctgtgttc ctacacgaga caggatccaa taaccctaca ggaatcccat	240
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tactcttaat tctaacccta ctagcactaa ccctattcac ccctgaccta ctaggagacc	360
ctgataacta cactccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
attccttatt cgcatatgca atcctacgat caattcccaa caaacttgga gg	472

<210> 84

<211> 472

<212> DNA

<213> Orcinus orca

<400> 84

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caacactaac acgtttctt gccttccact ttatcctccc attcatcatc acagcattaa	180
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tactcttaat cctaaccctg ctagcactaa ccttattcgc ccctgaccta ctaggagacc	360
ctgacaacta taccccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
attccttatt cgcatatgca atcctacgat cagttcccaa taaacttgga gg	472

<210> 85

<211> 472

<212> DNA

<213> Orcaella brevirostris

<400> 85

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tcccttacat cggcactacc ctagtagaaat gaatctgagg tggattttcc gtagacaaag	120
caacactaac acgtttttc gccttccact ttatcctcc attcatcatc acagcactag	180
taactgttca cctactattc ctacacgaaa caggatccaa caatcctaca ggaatcccat	240
ccaacataga cataatccca ttccaccctt atcatacatt taaagacatc ctaggcgccc	300
tactcttaat cttagtctta ctaacactaa ccctgttcac ccccgaccta ctaggagacc	360
ctgataacta tactccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
attccttatt cgcatatcgat atcctacgat caattcctaa taaactcgaa gg	472

<210> 86

<211> 472

<212> DNA

<213> Delphinus capensis

<400> 86

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tcccttataat tggcaactacc ttagtcaat gaatctgagg tggattctcc gtagacaaag	120
caacattaac acgcttttc gcttccact ttatcctcc attcatcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatccat	240
ccaatataga cataatccca ttccaccctt attatacat caaagatatac ctaggtgcct	300
tactcctaattt cttaacccta ctagcactga ccctattcac tccagaccta ctaggagacc	360
ctgataacta tacccagca aatccactaa gcacccctgc acatataaaa ccagaatgat	420
actttctattt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 87

<211> 472

<212> DNA

<213> *Delphinus tropicalis*

<400> 87

tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tcccttataat tggcaactacc ttagtcaat gaatctgagg tggattctcc gtagacaaag	120
caacattaac acgcttttc gcttccact ttatcctcc attcatcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatccat	240
ccaacataga cataatccca ttccaccctt attatacat caaagatatac ctaggtgcct	300
tactcctaattt cttaacccta ctagcactga ccctattcac tccagaccta ctaggagacc	360
ctgataacta tacccagca aatccactaa gcacccctgc acatataaaa ccagaatgat	420
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<210> 88

<211> 472

<212> DNA

<213> *Delphinus delphis*

<400> 88

tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tcccttataat tggcaactacc ttagtcaat gaatctgagg tggattctcc gtagacaaag	120
caacattaac acgcttttc gcttccact ttatcctcc attcatcatc acagcactag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatccat	240
ccaatataga cataatccca ttccaccctt attatacat caaagatatac ctaggtgcct	300
tactcctaattt cttaacccta ctagcactaa ccctattcac tccagaccta ctaggagacc	360
ctgataacta tacccagca aatccactaa gcacccctgc acacatataaaa ccagaatgat	420
actttctattt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 89

<211> 472

<212> DNA

<213> *Stenella clymene*

<400> 89

tgccctgagg acaaatatca ttctgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tcccttatat tggcaactacc tttagtcgaat gaatctgagg tggattctcc gtagacaaag	120
caacattaaac acgcttttc gctttccact ttatcctccc gttcatcattc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaattccat	240
ccaatataga cataatccca ttccaccctt attatacaat caaagatatac ctaggtgcct	300
tactcctaattt ctttaacccta ctagcaactaa ccctattcac ccccgaccta ctaggagacc	360
ctgacaacta tacccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
actttctattt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 90

<211> 472

<212> DNA

<213> *Stenella coeruleoalba*

<400> 90

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caacattaaac acgcttttc gctttccact ttatcctccc gttcatcattc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaattccat	240
ccaatataga cataattcca ttccaccctt attatacaat taaagatatac ctaggtgcct	300
tactcctaattt ctttaacccta ctagcaactaa ccctattcac ccccgaccta ctaggagacc	360
ctgataacta tacccagca aatccactaa gcacccctgc acacatcaaa ccagaatgat	420
actttctattt cgcatacgca atcttacgat caatccctaa caaacttgga gg	472

<210> 91

<211> 472

<212> DNA

<213> *Tursiops aduncus*

<400> 91

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caacactaaac acgcttttc gctttccact ttatcctccc gttcgtcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taacccaca ggaatccat	240
ccaatataga cataatccca ttccaccctt attatacaat caaagacatc ctaggtgcct	300
tactcctaattt ctttaacccta ctagcaactaa ccctattcac ccccgaccta ctaggaaacc	360
ctgataacta tttccagca aatccactaa gtacccctgc acacatcaaa ccagagtgtat	420
actttctattt cgcatacgca atcttacgat caatccctaa taaacttgga gg	472

<210> 92

<211> 472

<212> DNA

<213> *Stenella frontalis*

<400> 92

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tcccttataat tggcactacc ttagtagaat gaatctgagg tggattctcc gtagacaaag	120
caacattaac acgcttttc gcttccact ttatcctccc gttcatcatc acagcattag	180
cagccgttca cctactattt ctacacgaaa caggtatccaa taaccccaaca ggaatcccat	240
ccaatataga cataatccca ttccaccctt attatacat caaagacatc ctaggcgcct	300
tactcctaattt cctaacccta ctagcactaa ccctattcac ccccgaccta cttaggagacc	360
ctgacaatta taccggcagca aatccactaa gcacccctgc acacatcaa ccagaatgat	420
actttctattt cgccatacgca atcttacgat caatccctaa taaaacttggaa gg	472

<210> 93

<211> 472

<212> DNA

<213> *Sousa chinensis*

<400>93

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tcccttacat tggcactacc ttagttgaat gaatctgagg cgatgttcc gtagacaaag	120
caacattaac acgcttttc gcttccact ttatcttcc cttcatcatc acagcattag	180
tagccgttca cctgcttattt ctacacgaaa caggatccaa taaccctaca ggaattccat	240
ccaacataga cataatccca tttcacccctt attatacat caaagacatc ctaggtgcct	300
tactcctaattt ctaaccctta cttagcactaa ccctattcac ccccgaccta ctaggagacc	360
ccgataactatcccccagca aatccactaa gcacccctgc acacatcaaa ccagaatgtat	420
atttccattt cgccatacgca atcttacggt caatccctaa taaaacttggaa gg	472

<210> 94

<211> 472

<212> DNA

<213> *Stenella longirostris*

<400> 94

taccctgagg	acaaatatac	ttctgaggtg	caaccgtcat	caccaacctc	ctatcagcaa	60
tcccttatat	tggcactacc	ctagttgaat	gaatctgagg	tggattttcc	gtagacaaag	120
caacattaac	acgcttttc	gtttccatt	ttatcctccc	attcatcatc	acagcattag	180
cagccgtcca	cctactattc	ctacacgaaa	caggatcaa	taacccca	ggaatcccat	240
ccaacataga	cataatccca	ttccaccctt	attatacaat	caaagacatc	ctagggtggct	300
tactcttaat	cttaacccta	ctagcactaa	ccctattcac	ccctgactta	ctaggagacc	360
ctgataaacta	taccccccagca	aatccactaa	acacccctgc	acacatcaaa	ccagaatgtat	420
atttccattt	cgcatacgc	atcttacgtat	caatccctaa	taaacttggaa	gg	472

<210> 95

<211> 472

<212> DNA

<213> *Tursiops truncatus*

<400> 95

tgcctgagg acaaataatca ttctgaggcg caaccgtcat caccaacctc ttatcagcaa	60
tccttatat cggcaactacc tttagtcaat gaatctgagg tggatttcc gtagacaaaag	120
caacattaac acgcttttc gccttccact ttattcttcc attcatcatc acagcattgg	180
cagccgttca cctactattc ctacacgaaa caggatccaa caacccaca ggaatccat	240
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tactcttaat cttaaccta ctagcatcaa ccctattcgc ccccgaccta ctaggagacc	360
ctgataacta cacccagca aacccactaa gcacccctgc acacatcaaa ccagaatgat	420
actttctatt cgcatacgca atcttacgat caatccctaa taagctcgga gg	472

<210> 96

<211> 472

<212> DNA

<213> *Lagenorhynchus alborostris*

<400> 96

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tccttatat cggtaactacc ctagtagaaat gaatctgagg tggatttcc gtagacaaaag	120
caacactaac acgcttcttc gctttccact ttatcctccc attcatcatc acagcactag	180
tagctgttca cctactattt ttacacgaga caggatccaa caacccaca ggaatccat	240
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tacttttaat cctaacccta ctagcactaa ccctatttac ccccgaccta ctaggagatc	360
ccgataacta taccggagca aatccactaa gcacccctgc acacatcaaa ccagaatgg	420
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<210> 97

<211> 472

<212> DNA

<213> *Steno bredanensis*

<400> 97

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caacactaac acgcttttc gctttccact ttatcctccc attcatcatc atagcattag	180
caactgttca cctactattc ctacacgaga caggatccaa caatccaca ggaatccat	240
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tacttttaat cctaacccta ctagcactaa ccctatttac ccccgaccta ctaggagacc	360
ccgacaacta taccggagca aatccactaa gcacccctgc acacatcaaa ccagaatgg	420
atttcctatt cgcatatgca atcctacgat caatccccaa caaacttggaa gg	472

<210> 98

<211> 472

<212> DNA

<213> *Sotalia fluviatilis*

<400> 98

taccctgagg acaaatatca ttctgaggcg caaccgtcat taccaatctc ctatcagcaa	60
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caacactaac acgcttttc gccttccact ttatcctccc atttatcatc acagcattag	180
cagccgttca cctgctattc ctacacgaaa caggatccaa taatcccaca ggaatccat	240
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tactcctaatt cctgacccta ctagcaactaa ccctattcac ccccgaccta ctaggagatc	360
ccgacaacta tactccagca aatccactta acacccctgc acacatcaaa ccagaatgat	420
attccttatt cgcatatgca atcttacgat caatccctaa taaacttgga gg	472

<210> 99

<211> 472

<212> DNA

<213> *Delphinapterus leucas*

<400> 99

taccctgagg acaaatatca ttctgaggcg caaccgtcat taccaatctc ctatcagcaa	60
tcccttacat cggttaacacc ttagtagaat gaatctgagg tgggttctcc gtagacaaag	120
caacactaac acgcttcttc accttccact ttatcctccc attcatcatt acagcgctag	180
tagccgttca ttatttattc ctacacgaaa caggatccaa caacccacca ggaatccat	240
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tactactaat cctaacccta ttaacagtaa ccctattcac acctgacctc ctaggagacc	360
cagacaatttta cacccttccat aacccactaa acacccctgc acacatcaaa ccagaatggt	420
attccttatt tgcatacaca atccttacgat caatccccaa caaacttagga gg	472

<210> 100

<211> 472

<212> DNA

<213> *Monodon monoceros*

<400> 100

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tcccttacat cggaacacc ttagtagaat gaatctgagg tgggtttctt gtagataaaag	120
caacactaac acgcttcttc accttccact ttatcctccc attcatcattt acagcactag	180
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tcttactaat cctaattcta ctagcaataa cccttactcac acctgacctc ctaggagacc	360
ctgacaatttta tacccttccat aacccactaa gcacccctgc acacatcaaa ccagaatgat	420
attccttatt tgcatacaca atccttacgat caatccccaa caaacttagga gg	472

<210> 101

<211> 472

<212> DNA

<213> *Platanista gangetica*

<400> 101

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tcccttataat cgccagtacc ctatcgagt gaatctgagg tggctttcc gtagataaaag	120
caacactaac acgattctt gccttcact tcatcctccc tttcatcatc ctaacactag	180
caattatcca cctactattc ctacacgaaa caggctcaaa caacccaca ggaattccat	240
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tcatcctaatt cctaaccctca ctcacattaa ctttatttac acctgaccta cttaggagacc	360
ccgataacta caccccagca aacccgctta atacccagc acatatcaa ccagagtgat	420
atttcctatt tgcatacgca atcttacggt caatccccaa taaacttagga gg	472

<210> 102

<211> 472

<212> DNA

<213> *Platanista minor*

<400> 102

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caacactaac acgattctt gccttcact tcatcctccc tttcatcatc ctaacactag	180
cagttatcca cctactattc ctacacgaaa caggctcaaa caacccaca ggaattccat	240
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tcatcctaatt cctaaccctca ctcacattaa ctttatttac acctgaccta cttaggagacc	360
ccgataacta caccccagca aacccgctta atacccagc acatatcaa ccagagtgat	420
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<210> 103

<211> 472

<212> DNA

<213> *Kogia breviceps*

<400> 103

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ccacattaac acgcttctt gccttcact tcatcctccc ctttatcatc ctgcactgg	180
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tactgctaatt ctcagcgcta cttacattaa ccctattcgc accagaccta tttaggagacc	360
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atttcctatt tgcatacgcc atcctacgat ccattctaa caaacttaggg gg	472

<210> 104
 <211> 472
 <212> DNA
 <213> *Kogia simus*
 <400> 104

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ctacgctaac acgcttcttt gctttccact ttattctccc	cttcatcatac ctagcactag	180
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actttctatt cgcatacgccc attctacgat caattctaa	caaactggga gg	472

<210> 105
 <211> 472
 <212> DNA
 <213> *Physeter catodon*
 <400> 105

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caacactgac acgcttcttc actctccact tcattctccc	ctttatcacc ctaacactaa	180
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ccaacataga caaaatccc ttccacccct accacacaat	caaagacacc ataggtcgcc	300
tactactaat cctatcccta cttacactaa ccctgttcgc	acccgacactg ctaggagatc	360
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atttcctatt cgctacgccc attctacgat ctgtcccaa	taaacttagga gg	472

<210> 106
 <211> 472
 <212> DNA
 <213> *Lipotes vexillifer*
 <400> 106

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caacattaac ccgcttcttc gctctccatt tcattctccc	atttattatt gtagcactaa	180
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<210> 107
 <211> 472
 <212> DNA
 <213> *Phocoena sinus*
 <400> 107

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caacactaac acgcttcttc	gccttccatt ttatccttcc	atttattcatt acagcactaa	180
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ccgataacta cattccagca	aacccactaa gcaccccccagc	acacattaaa ccagaatgat	420
atttccttctt cgcatacgca	atcctacgat caatccccaa	taaacttagga gg	472

<210> 108
 <211> 472
 <212> DNA
 <213> *Berardius bairdii*
 <400> 108

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ccacactaac acgcttcttt	gccttccact ttatcctccc	ttttatcatt ctaaccctag	180
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tactactaat cctagcccta	ctcacgctaa cccttattgc	acccgaccta ctaggagagc	360
ccgacaacta taccccgca	aacccgctca gcaccccaac	acatattaag ccagaatgat	420
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<210> 109
 <211> 472
 <212> DNA
 <213> *Ziphius cavirostris*
 <400> 109

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tcccctataat cggcactact	ctagtgcgaat gaatctgagg	tggttttca gtagataaaag	120
ccacactaac acgcttcttt	gccttccatt tcattccttcc	atttatttatt tttagccctag	180
cagccgtcca cttactattt	ctccacgaaa caggatctaa	taacccaca ggaatcccatt	240
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ccgataacta taccccgca	aatccactca gcaccccccagc	acacattaaag ccagaatgat	420
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<210> 110
 <211> 472
 <212> DNA
 <213> Mesoplodon europaeus
 <400> 110

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ctacactaac acgcttcttt gctttcaact ttatccttcc attcatattt cttagccctaa	180
caatcgtcca cttactattt ctccatgaaa cagggatccaa taaccctaca ggaatcccat	240
ctgatataga caaaatccca ttccatcctt actacacaat caaagatatac cttaggggctc	300
tactactaat tctagcccta ctcaccctaa ccctattcgc acccgacctg cttaggagacc	360
ccgacaatttta caccctagca aaccctactt atactccago acacatcaaa ccagaatgtat	420
acttcctattt cgcatatgca attctacgat caattcccaa caaacttagga gg	472

<210> 111
 <211> 472
 <212> DNA
 <213> Mesoplodon bidens
 <400> 111

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ccacattaac acgcttcttc gccttcaact ttatcctccc atttattttt tttagccctag	180
caatcgtcca cttactattt ctccatgaaa cagggatctaa caaccctaca ggaattccat	240
ccgacataga taaaatttca ttccaccctt actacacaat taaagatatac ctgggagccc	300
tactactaat tctaacccta ctcgcactaa ccctattcgc acctgacctg cttaggagacc	360
ccgacaacta taccctagca aaccctacta gcaccccccagc ccacatcaaa ccagagtgg	420
atttcctattt cgcatatgca atcttacgat caattcccaa taaaacttagga gg	472

<210> 112
 <211> 472
 <212> DNA
 <213> Mesoplodon densirostris
 <400> 112

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ccacattaac acgcttcttc gctttcaact tcatacctccc ctttattttt cttagccctaa	180
caatggtcca cttactattt ctccatgaaa cagggatctaa taaccctaca ggaatcccat	240
ctgacataga taaaatttca tttcaccctt attacacaat caaagatattt ttaggagccc	300
tactattaat tctggcccta cttatactaa ccctatttgc acctgaccta cttaggagacc	360
ccgataatttta tactccagca aaccctacta acactccagc acacatcaaa ccagagtgg	420
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<210> 13
 <211> 472
 <212> DNA
 <213> *Hyperoodon ampullatus*
 <400> 113

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ccacattaac ccgcttttc gcccctccact ttatcctccc attcattatt ctagccctag      180
caatcggtcca cctactattc ctccatgaaa cagatccaa caatcccaca ggaattccat      240
ctgacataga caaaatcccgttccaccat actacacaat caaagacact cttagggccc      300
tattactaat cctagtccta ctcacatcaa ccctattcgc acccgaccta cttaggagacc      360
ctgataacta taccctcagca aaccctactca gcactccagc acacatcaaa ccagaatgg      420
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<210> 114
 <211> 472
 <212> DNA
 <213> *Hyperoodon ampullatus*
 <400> 114

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ccacattaac ccgcttttc gcccctccact ttatcctccc attcattatt ctagccctag      180
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ctgataacta taccctcagca aaccctactca gcactccagc acacatcaaa ccagaatgg      420
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<210> 115
 <211> 472
 <212> DNA
 <213> *Mesoplodon peruvianus*
 <400> 115

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ctacattaac acgattttt gccttccact ttattctccc atttattatc ttagctctaa      180
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tattataat tatgttccta cttataactaa ccctatttgc acctgaccta tttaggagatc      360
ctgacaatta cactccagca aaccctactta gcacccctagc acatattaaa ccagaatgt      420
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<210> 116
 <211> 472
 <212> DNA
 <213> *Pontoporia blainvilie*
 <400> 116

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caacactaac gcgattttc gcttccatt ttatccttcc attcattatt	acagccctag	180
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tattaataat cctaacaata ctcacgctga ctctattcac ccctgaccta	ttaggagacc	360
cagacaacta tatcccagca aaccccatga atacccaga gcacattaaa	ccagaatgg	420
atttcctatt tgctacgca atcctacgat caattccaa taaaactgggaa	gg	472

<210> 117
 <211> 472
 <212> DNA
 <213> *Hippopotamus amphibius*
 <400> 117

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ccacccttac acgattttt gccttccact ttattcttcc attcggttac	acagcactag	180
ccatcgccca tctactattc ctccatgaaa caggatccaa caacccaaca	ggaatccct	240
caaacgcaga caaaatccca ttccaccctt attacacaat caaggacatc	ctaggtatcc	300
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cagacaacta caccggca aacccctta gcacaccacc acacataaa	ccagaatgat	420
atttcctgtt cgcgtacgca attctccgat caatcccaa caaacttagga	gg	472

<210> 118
 <211> 472
 <212> DNA
 <213> *Hexaprotodon liberiensis*
 <400> 118

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ccacccttac acgattttt gccttccact ttattcttcc attcatcatc	atagcactag	180
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caaacgcaga caaaatccca ttccaccctt attacacaat caaagatatac	ctgggcgtac	300
tactcctaat aacaatacta ctcacactaa ctttatttgc cccagacctc	ctaggggacc	360
cagacaacta caccggca aacccctta gcacaccacc acacataaa	ccagaatgat	420
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<210> 119

<211> 472

<212> DNA

<213> Rhinoceros sondaicus

<400> 119

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cgtatcacca cttactattc ctacacgaaa caggatccaa taacccatca ggaattccat	240
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tgcttctaat tatagtatta ctcaccctag tcctattctc ccctgacatc cttagggacc	360
cagacaacta catcccagcc aaccctctca gcacccctcc acatataaaa ccagaatgg	420
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<210> 120

<211> 472

<212> DNA

<213> Ceratotherium simum

<400> 120

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ccacacttac acgattttc gccttccact ttatcctccc ctttattatc atagccctag	180
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ccaacataga caaaatccca ttccacccat actacacaat caaagacatc ctgggaattt	300
tactcctaat cctagacta ctcgccttag ttctattctc accagacatc cttaggagacc	360
ctgacaacta caccctgccc aatcctctca gcactcccc acatataaaa ccagaatgt	420
actttcttatt tgcttacgca atcctacgat ccataccaaa caaactaggc gg	472

<210> 121

<211> 472

<212> DNA

<213> Dicerorhinus sumatrensis

<400> 121

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ccaccctcac ccgttcttt gccttccact tcataccttcc cttcatcatc ctatccctag	180
caattacca cctgttattc ctatcgaaa caggatccaa caacccatca ggaatccat	240
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tacttctaat cctagcccta ctcaccctag ttctattctc gcctgacatc cttaggagacc	360
cgacaacta cacacccgccc aaccctctca gcacccctcc acacattaaa ccagaatgg	420
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<210> 122

<211> 472

<212> DNA

<213> Equus asinus

<400> 122

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ccacccttac ccgattttt gccttcaact ttatttctacc ctttatcatc acagccctgg	180
taatcgtcca tctactattc ctccacgaaa caggtccaa caaccctca ggaatcccat	240
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tcctcctagt cctactccta ctaaccctag tattattctc ccctgacctc ctaggagacc	360
cagacaacta caccctagct aacccttca gcactccccc tcataattaag ccagaatgg	420
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<210> 123

<211> 472

<212> DNA

<213> Babyrousa babyrussa

<400> 123

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caaccctcac acgattcttt gctttcaact ttatttctacc cttcatcatc accgctctcg	180
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cggacaacta tactccagca aaccctactaa atacaccacc ccacattaag ccagaatgt	420
acttcctatt tgcttacgccc atcctacgct caatcccaa caaatttaggc gg	472

<210> 124

<211> 472

<212> DNA

<213> Phacochoerus africanus

<400> 124

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caactctcac acgattcttt gccttcaact tcattttacc ttttatcatc gctgccctag	180
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tattcataat actaatctg ctaatcctag tattattctc cccagaccta ctaggagacc	360
cagacaacta taccctcagca aaccctactaa acacaccacc ccacatcaaa ccagaatgt	420
acttcctatt cgcttacgccc atcctacgctt caatccctaa taaatttaggt gg	472

<210> 125
 <211> 472
 <212> DNA
 <213> Sus scrofa haplotype EWB3
 <400> 125

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caaccctcac acgattttc gccttccact ttatcgtcc attcatcatt accgcctcg	180
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cagacataga caaaattcca tttcaccat actacactat taaagacatt cttaggagcct	300
tatattataat actaatccta ctaatcctt tactattctc accagaccta cttaggagacc	360
cagacaacta caccctagca aacccactaa acacccacc ccatattaaa ccagaatgat	420
atttcttatt cgctacgct attctacgtt caattcctaa taaacttaggt gg	472

<210> 126
 <211> 472
 <212> DNA
 <213> Sus barbatus
 <400> 126

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caaccctcac acgattttc gccttccact ttatcgtcc cttcgtcatt accgcctcg	180
cagccgtaca tctcctattc ctacacgaaa ccggatccaa taacccacc ggaatttcat	240
cagacataga caaaattcca tttcaccat actacactat caaagacatt cttaggagct	300
tatattataat actaatccta ctaatcttag tactattctc accagaccta cttaggagacc	360
cagacaacta caccctagca aacccactaa acacccacc ccatattaaa ccagaatgat	420
atttcttatt cgctacgct attctacgtt caatccccaa taaacttaggc gg	472

<210> 127
 <211> 472
 <212> DNA
 <213> Lama glama
 <400> 127

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ccaccctcac acgattttc gccttccact ttatcttacc ttttgcatt gcagctctag	180
caggagtaca tctactattt ttacacgaaa caggctccaa caatccaaca ggaatttctt	240
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tactacttat tctaacccta cttctactcg tactattctc accagaccta cttaggagacc	360
ccgacaacta tactcccgct aacccctca acacccgccc ccatattaaa ccagaatgat	420
acttcttatt tgcatcgtt ccattccccaa taaatttaggc gg	472

<210> 128

<211> 472

<212> DNA

<213> lama guanicoe

<400> 128

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ccacccttac	rcgattcttc	gccttccact	ttatcttacc	ttttgtcatt	gcagctctag
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<210> 129

<211> 472

<212> DNA

<213> Vicugna vicugna

<400> 129

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<210> 130

<211> 472

<212> DNA

<213> Camelus bactrianus

<400> 130

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<210> 131

<211> 472

<212> DNA

<213> *Arctocephalus forsteri*

<400> 131

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<210> 132

<211> 472

<212> DNA

<213> *Arctocephalus gazella*

<400> 132

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<210> 133

<211> 472

<212> DNA

<213> *Eumetopias jubatus*

<400> 133

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caaccctaac acgattcttc gccttccact ttattttccc cttcgttagca tcagcactag	180
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cagacaacta catcccagcc aacccctca gcactccacc acatataaaa cccgaatgat	420
atttctatt cgcttacgccc attttacgat ccatccccaa caaatttaggg gg	472

<210> 134
 <211> 472
 <212> DNA
 <213> *Zalophus californianus*
 <400> 134

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caaccctaac	acgattctt	gccttccact	ttattctccc	cttcatacgca	180
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tcctactaat	cttaacccta	atactactag	taatatttc	accggacctg	360
cagacaacta	tatcccagcc	aacccctca	gcactccacc	acatattaaa	420
atttcctatt	cgcctatgct	atttacgat	ccatccccaa	caaattaggg	472

<210> 135
 <211> 472
 <212> DNA
 <213> *Odobenus rosmarus*
 <400> 135

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caaccctaac	acgattcctc	gccctccact	tcgttctcc	attcatggca	180
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tcattctaat	cctaattccta	atactactag	tactattctc	accagattta	360
cggacaatta	cacccctagcc	aaccctctca	gcacccctacc	ccatatcaaa	420
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<210> 136
 <211> 472
 <212> DNA
 <213> *Phoca vitulina*
 <400> 136

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caaccttaac	acgattttc	gccttccact	tcatcctgcc	attcgttagta	180
cagcagtcca	cctactattc	ctacacgaaa	caggatcaaa	caaccctcc	240
ccaactcaga	caaaatccca	ttccaccctgt	actatacaat	taaagatatac	300
tacttctcat	tctagtcctg	acactactag	tgctattctc	accggacctg	360
ccgacaacta	tatccctgcc	aatcccctaa	gcacccctacc	acatatcaaa	420
atttcctatt	tgcctacgca	atcttacgat	ccatccccaa	caaacttagga	472

<210> 137
 <211> 472
 <212> DNA
 <213> *Phoca fasciata*
 <400> 137

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ttccctatat cggaaccgac ctatgtacaat gaatctgagg aggattttca gttgataaaag	120
caaccctaac acgattttc gctttccact ttatcctacc attttagtta tcagcactag	180
cggcagttca cctactattc ctacacgaaa caggatccaa caaccctcc ggaatcgtat	240
ccgactcaga caaaatccca ttccaccat actatacaat taaagatatac ctaggagccc	300
tactcctcat cctatgtcata atactactag tactattctc acccgaccta ctaggagacc	360
ccgacaacta caccctgccc aacccctaa gcacccacc acatatacaag cccgaatgat	420
actttctatt tgcctacgca atcctacgat caatccccaa caaactagga gg	472

<210> 138
 <211> 472
 <212> DNA
 <213> *Phoca groenlandica*
 <400> 138

taccatgagg gcaaataatgtca ttctgaggag caacagttat cactaatcta ctatcagcaa	60
tcccctacat cggaaccgat ctatgtacaat gaatctgagg agggttctca gttgataaaag	120
caaccctaac acgattttc gccttccact tcatacttacc attcgttagta tttagcactag	180
cggcagttca tctactattc ttacacgaaa caggatccaa caacccacc ggaatcgtat	240
ccgactcaga caaaatcccg ctccaccat attatacaat taaagatatac ctaggagccc	300
tactcctcat cctggtcctt atactactag tactgttctc acccgaccta ctgggagacc	360
ccgacaacta catccctgccc aatccctaa gtacccacc acatatacaag cccgaatgat	420
acttttatt tgcctacgca atcctacgat caatccccaa caaactagga gg	472

<210> 139
 <211> 472
 <212> DNA
 <213> *Cystophora cristata*
 <400> 139

taccgtgagg acaaataatca ttttgaggag cgacagtcat caccaaccta ctatcagcaa	60
tcccctacat cgagccgat ctatgtacaat gaatctgagg gggattttca gtcgataaaag	120
caactctaac acggttttc gccttccact tcatacttacc attcgtcgta tcagcactag	180
caacagtcca cctactattc ctacacgaaa caggatctaa taatccctcc ggaatcacat	240
ccgactcaga caaaatccca ttccaccat actatacaat taaagacatc ctaggagccc	300
tactcctcat cctatgtcata atactactag tgctattctc acccgatctg ctaggagacc	360
ccgacaacta taccctgccc aacccctaa gtacccacc acatattaaa cctgaatgat	420
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<210> 140

<211> 472

<212> DNA

<213> *Hydrurga leptonyx*

<400> 140

tgccatgagg acaaatatca ttttgaggag caaccgttat taccaactta ctatcagcaa	60
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caaccctaac acgatttttc gccttccact ttatccttcc cttegttagta tcagcactag	180
cagcagtaca tctactattc ttacacgaaa caggatccaa taacccttcc ggaattccat	240
ccaaactcaga caaaatccca tttcacccct actacacaat caaagacatc cttaggagccc	300
tattcctcat tctaacccta atactactag tattattctc acccgaccta cttaggagacc	360
ccgacaacta tattctgct aacccctaa gcacccacc acatatcaa cccgaatgat	420
atttcctatt tgcctacgca atcctacgat ccattccaa taaactagga gg	472

<210> 141

<211> 472

<212> DNA

<213> *Leptonychotes weddelli*

<400> 141

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caaccctaac acgatttttc gccttccact ttatccttcc cttegttagta tcagcactag	180
cagcagtaca tctactattc ttacacgaga caggatccaa caacccttcc ggaattccat	240
ctgactcaga caaaatccca tttcacccct actacacaat caaagacatc cttaggagccc	300
tactcctcat tctaacccta atattactag tattattctc acccgacctg cttaggagatc	360
ccgacaacta tactcccgct aatccctaa gtactccacc acatatcaa cccgaatgat	420
atttcctatt tgcctacgca atcttacgat ccattccaa caaactagga gg	472

<210> 142

<211> 472

<212> DNA

<213> *Mirounga leonina*

<400> 142

tgccatgagg acaaatatca ttttgaggag caaccgtcat taccaaccta ctatcagcag	60
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caaccctaac acgatttttc gccttccact ttatccttacc attcgttagca cttagcactag	180
cagcagtaca tctactattc ctacacgaaa caggatccaa caacccttcc ggaatccat	240
ccgactcaga caaaatccca ttccacccat actacacaat caaagatatc ttaggagccc	300
tacttcttat tctaacccta atactattag ttttattctc acccgaccta ttaggagacc	360
ccgacaacta caccctgccc aatccctaa gcacccacc acatattaaa cccgaatgat	420
atttcctatt tgcctacgca atcctacgat ctattccaa caaactagga gg	472

<210> 143

<211> 472

<212> DNA

<213> *Erignathus barbatus*

<400> 143

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caaccctaac	acgattcttc	gccttccact	ttatcctacc	atttgtagta	ttagcattag	180
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ccgactcaga	taaaaattcca	ttccacccat	actatacgt	caaggacatc	ttaggggcct	300
tacttctaat	cctagttctt	atacttctag	tgctattctc	acccgaccta	ctgggagatc	360
ccgacaacta	cactccgct	aacccctaa	gcaccccacc	acatattaag	cccgaaatgat	420
atttcctatt	cgcctatgca	atcctacgat	ccatcccaa	caaacttggaa	gg	472

<210> 144

<211> 472

<212> DNA

<213> *Monachus schauinslandi*

<400> 144

taccatgagg acaaataatcc	ttctgaggggg cgaccgtcat	caccaaccta	ctatcagcaa	60		
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caaccctaac	acgattcttc	gccttccatt	ttattatacc	ttccatagta	ttagcactag	180
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ctgacaacta	catccctgcc	aacccctaa	acactccacc	acacattaaa	cccgaaatgat	420
atttcctatt	cgcctacgca	atcctacgat	ctatcccaa	taaacttagga	gg	472

<210> 145

<211> 472

<212> DNA

<213> *Helarctos malayanus*

<400> 145

taccctgagg ccaaatgtcc	ttctgaggag. caactgtcat	taccaatctc	ttatcagccaa	60		
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cgactctaac	acgattcttt	gccttccact	ttatcctcc	gttcatcatc	ttggcactaa	180
cagcggtcca	cctattattc	ctacacgaaa	cagggtccaa	caatccctct	ggaatcccat	240
ctgactcaga	caaaaatccca	tttcacccgt	actatacaat	taaggacatc	ctaggcgccc	300
tacttcttac	cctagcccta	acaaccctag	ttctattctc	gcccgactta	ctaggagacc	360
ctgacaacta	catccccgca	aatccattga	gcaccccacc	ccacatcaaa	cccgaaatggt	420
atttcctatt	tgcctacgct	atcctacgat	ccatccctaa	taaacttagga	gg	472

<210> 146
 <211> 472
 <212> DNA
 <213> *Selenarctos thibetanus*
 <400> 146

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caaccctaac acgattctt gctttccact ttatccttcc gttcatcata ctagcactag	180
cagcagttca tctattgttc ctacacgaaa caggatccaa caaccctct ggaatcccat	240
ccaactcgga caaaatccca tttcaccat actatacaat taaagacgcc ctaggcgccc	300
tacttctcat cctagccta gcaactctag tcctattctc gccgactta ctaggagacc	360
ctgataacta taccggcga aaccactga gcacccacc ccacatcaaa cccgaatgat	420
acttttatt tgcttacgat atcctacgat ccatcccaa caaactagga gg	472

<210> 147
 <211> 472
 <212> DNA
 <213> *Ailurus fulgens*
 <400> 147

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caactctaac tcgattcttc gccttccact tcattctcc atttattcatt gcaacactag	180
caactatcca tctcttattc ctacatgaaa caggatctaa taaccctca ggcacatccat	240
ccaactcaga caaaattcca ttccatccct attatacaat taaagatatac ttggcgctc	300
tactccttat cctaattctc atgacattag tactatttt acctgacttg cttgggtgatc	360
ctgataacta tattcccgct aaccatcaa gcacaccacc ccatattaaa cctgagtggt	420
atttcctatt cgcatatgca attctacgat ccatcccaa caaactagga gg	472

<210> 148
 <211> 472
 <212> DNA
 <213> *Felis catus*
 <400> 148

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ccaccctaac acgattctt ggcttccact tcattctcc attcattatc tcagccttag	180
caggagtaca cctcttattc cttcatgaaa caggatctaa caaccctca ggaattacat	240
ccgattcaga caaaatccca ttccaccat actatacaat caaagacatc ctaggtcttc	300
tagtactgt tttaacactc atactactcg tcctattttc accagacctg ctaggagacc	360
cagacaacta catcccagcc aaccctttaa ataccctcc ccatattaaa cctgaatgat	420
acttcctatt cgcatacgca attctccgat ccatccctaa caaactaggg gg	472

<210> 149

<211> 472

<212> DNA

<213> *Canis familiaris*

<400> 149

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caaccctaac	acgattctt	gcattccatt	tcattctccc	tttcatcatc	180
caatagtaca	cctccttattt	ctacacgaaa	ccgatccaa	caacccttca	240
cagactcaga	caaaattcca	tttcaccctt	actacacaat	caaggatatac	300
tactcctact	cctaattctta	atatcactag	ttttatatttc	ctaggagcct	360
cagataacta	caccctgca	aacccctaa	acacccctcc	acatattaaa	420
attttctatt	cgcctatgct	atcctacgat	ccattcctaa	taaatttagga	472

<210> 150

<211> 472

<212> DNA

<213> *Talpa europaea*

<400> 150

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cgacactcac	acgattcttc	gcctccact	tcattctgcc	atttattattt	180
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cagatacgg	taaaattcca	tttcaccctt	attacactat	ggactctcat	300
taatcctaat	tatagtctta	tcatcattag	tattatttc	acctgaccta	360
cagacaatta	catccggca	aacccgctaa	acacaccacc	ctaggagacc	420
acttcctatt	tgcataatgcc	atcctacgat	ccatattaaa	ccgaatgg	472

<210> 151

<211> 472

<212> DNA

<213> *Glaucomys sabrinus*

<400> 151

taccctgagg acaaataatct	ttctgaggag	ccaccgtcat	caccaacctt	ctctcagcta	60
ttccttataat	tgggacaaca	tttgtagaat	gaatctgagg	aggcttctct	120
ctaccctaac	ccgattttt	gcatttcatt	ttgtcctccc	ttttattattt	180
ccataatcca	tctactctt	ttacacgaaa	caggatccaa	taaccatca	240
ctgactcaga	taaaatccca	ttccaccctt	atttctcaat	ggactaatct	300
taatcctcat	cttaatcttc	ataaccctag	ttctttcac	ctaggattct	360
cagacaacta	taccccagcc	aacccactca	acacccctcc	ccacatcaaa	420
acttcctatt	tgcataacgca	attctacgat	ctattccaaa	ccagaatgtat	472

<210> 152

<211> 472

<212> DNA

<213> *Glaucomys volans*

<400> 152

taccctgagg acaaataatcc ttctgaggag ctactgtcat caccacaccc ttctcagcta	60
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ctacctaacc ccgattcttt gcatttcaact tcattttcc ttttatcatt gcccgtcttag	180
ccataatcca tctactcttt ctacacgaaa caggatccaa taacccatca ggactaatct	240
ctgactcaga caaaaatccca ttccaccctt acttctcaat taaagatacc ctaggattct	300
taatccttat cttaatcttc ataacccttag ttctcttcac cccggatctt ctaggagacc	360
cagacaacta tactccagcc aacccactca acggccctcc ccatatcaag ccagagtgtat	420
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<210> 153

<211> 472

<212> DNA

<213> *Hylopetes phayrei*

<400> 153

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ctaccctaacc ccgattcttc gcattccact ttgtgctgcc ctttatttattt gcaagcaactag	180
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ccgattcaga caaaaatccca ttccaccat actattcaat taaagatctc ctaggcgc	300
ttattcttct cttaatcttt ataaacttag tactatttc ccccgatctt ttaggagacc	360
ctgacaacta caccggcc aacccactta acacccctcc tcataataaa ccagaatgtat	420
actttctatt cgcatacgca atcctacgat ctatcccaa taaatttagga gg	472

<210> 154

<211> 472

<212> DNA

<213> *Petinomys setosus*

<400> 154

taccatgagg acaaataatcc ttctgagggg ctaccgttat tacaaaccta ctatctgcca	60
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ctaccctaacc ccgattcttc gcattccact ttgtgctgcc ctttatttattt gccggcaactgg	180
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ccgattcaga caaattccca ttccaccat actattcaat taaagatctc ctagggggccc	300
ttattcttct cttaatcttt ataaacttag tactatttc ccccgatctt ttaggagacc	360
ctgacaacta caccggcc aacccactta acacccctcc tcataataaa ccagaatgtat	420
actttctatt cgcatacgca atcctacgat ctatcccaa taaatttagga gg	472

<210> 155
 <211> 472
 <212> DNA
 <213> *Belomys pearsonii*
 <400> 155

taccatgagg acaaataatct ttctgaggag ccactgtcat cacaaacctc	ctttcagcta	60
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caaccctaac acgattcttc gcattccact ttatcttacc atttacgttgc	gcagcccttg	180
caatagtcca cttcttttc ctccacgaaa ttgggtcaaa taatcccccc	ggattaattt	240
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taatcttcgg ctttatattt acaacccttta ttcttattcgc ccctgatctc	ctaggagacc	360
ctgacaacta tactccggcc aatccactta acacccctcc ccacattaaa	ccagaatgat	420
actttctaattt ttattacgca atccttcgat ccattcccaa caaactagga	gg	472

<210> 156
 <211> 472
 <212> DNA
 <213> *Pteromys momonga*
 <400> 156

taccctgagg acaaataatca ttctgaggcg ccactgtcat caccaacctg	ctatccgcca	60
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ctaccctaac acgattcttt gcattccact ttgtcctccc cttcattatc	gcagccctag	180
caatagttca cttacttttc cttcatgaaa cagggtccaa caaccoatct	ggacttacct	240
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tttccttgg ctccttattc ataatcttag tcctttaac tccagacctc	cttggagacc	360
ccgacaacta taccctcagcc aacccctca acactcccccc tcataatcaaa	ccagagtgtat	420
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<210> 157
 <211> 472
 <212> DNA
 <213> *Galago demidoff*
 <400> 157

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ctacccttac ccgattcttt gctttccact ttatcctccc atttacattt	acagcaatag	180
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cagactcaga caaaatcccc ttccacccctt attacataat caaggatctc	ctaggactga	300
ttattctttt actaactctg ttctcccttag taatattctc cccggacctg	ctaggagacc	360
ctgacaacta caccctccggcc aacccctaa acacccccc accatatcaaa	ccagagtgtat	420
atttccttattt tgccctacgccc atcctacgat ctatccctaa caaactagga	gg	472

<210> 158

<211> 472

<212> DNA

<213> *Perodicticus potto*

<400> 158

tcccatgagg acaaataatca ttctgagggtg ccacagtaat cacaacaccc tcatacgcaa	60
tcccatatgt aggtacaacc ctggtagaat gaatttgagg gggattctca gtagacaaag	120
ctaccctaac acgattcttc gccttcaact tcatacctccc ctttattatc acagcactag	180
ccacaactca ccttttattt cttcacgaaa caggtacaaa taacccagca ggaattccat	240
cagaatcaga caaaatcccc ttccacccct actacaccac caaagactta ctaggagcca	300
tctttcttct actaatccta ctcacccctag tcctattctc cccagaccta ttaggagacc	360
ctgacaacta caccacccagcc aacccctaa acacccccc accatataaaa ccagaatgg	420
actttcttattt cgcctacgccc atcttacgat ccattccaaa caaactggga gg	472

<210> 159

<211> 472

<212> DNA

<213> *Galago matschiei*

<400> 159

tcccatgagg acaaataatca ttctgaggcg ctaccgtaat cacaatctc ctctccgcaa	60
ttccttacat gggtaaccggc ctatgtat gaatctgagg gggatttca gtagacaaag	120
ccacccttac tcgattcttc gcttttcaact tcatacctacc tttcattattt gcagccctag	180
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tcttcttact actatgccta ttctctctag tactattttc ccccgatctg ttaggagacc	360
cagacaattt taccacccgtt aatccctaa acacccccc accatataaaa ccagaatgg	420
acttcttattt tgcttatgcc atccttcgat caattccaaa caaacttagga gg	472

<210> 160

<211> 472

<212> DNA

<213> *Galago moholi*

<400> 160

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ctactcttac ccgatttttc gcttttcaact tcatacctgcc tttcatcatc gccggccctag	180
ccataattca ttttctttttt ttacatgaaa caggtacaaa taaccctcg ggaatctcat	240
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tcttcttact attatcccta ttctctctag tactatttctc ccctgacccctg ctgggagacc	360
cagacaattt tatccctgcc aacccctaa acacccccc accatataaaa ccagaatgg	420
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<210> 161

<211> 472

<212> DNA

<213> *Otolemur garnettii*

<400> 161

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caaccctcac ccgggttttt gctttccact ttatcctgco tttcatcatac gcagccctag	180
tcataatcca ctccttttc ctccacgaat caggatcaaa caaccctca ggaatcccat	240
cagactctga caaaatcccc ttccacccctt attacacaat taaagacctt ctaggggcta	300
tcctccctctt tctaaccccta ttctccctag tccttattctc ccccgacctt ctaggagacc	360
cagacaacta caccctgccc aacccctaa acacacccgccc ccataatcaaa cccgaatgat	420
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<210> 162

<211> 472

<212> DNA

<213> *Loris tardigradus*

<400> 162

tcccatgagg acaaataatca ttctgaggag ccacagtaat taccaaccta ctatcagcaa	60
tcccttacat cggaactaac ctatgtggat gaatctgagg ggggttctca gtagataaaag	120
caaccctcac acgattttc gccttccact tcattcctcc attcatcatac acagcattaa	180
ctgcaattca cctacttttc ctacacgaat caggatcaaa taacccatcc ggaataacat	240
cagactctga caaaatcccc ttccacccctt actacacatt aaaagatatt ctaggagtaa	300
ttgctctctt aatcacctta tcaactcttag ttcttattctc ccctgacctt ttaggagacc	360
ccgataatatt cacaccagct aaccctttaa acacccccc accatcaaa ccagaatgg	420
atttcctatt cgccatacgca atccttacgat caatccccaa taaacttaggt gg	472

<210> 163

<211> 472

<212> DNA

<213> *Nycticebus coucang*

<400> 163

tcccatgagg acaaataatca ttctgagggtg ccaccgtcat cactaaccta ctatcgca	60
tcccctatata tggcacaaac ctatgtggat gggcttgagg aggcttctca gtagataaaag	120
ccacactcac acgattttc gccttccact ttatcctccc ttcatcgat gctgctctag	180
ttgtgattca cctcatctt ctacatggaaa caggctcaaa taatccatca ggaatctcat	240
cagactcaga taagattcca ttccacccctt actactcaat taaagacctt ctaggagtg	300
ttttcctatt agcaacccta tctattcttag tcttattctc ccctgacctt ctaggagacc	360
ccgacaacta tacccttgc aaccctttag tcaccctcc acatcaaa ccagaatgg	420
atttcctatt cgccatacgca atccttacgat caatccccaa caaacttagga gg	472

<210> 164

<211> 472

<212> DNA

<213> *Mus musculus*

<400> 164

ttccatgagg acaaataatca ttctgaggtg ccacagttat tacaaacctc ctatcagcca	60
tcccatataat tggaacaacc ctagtcgaat gaatttgagg gggcttctca gtagacaaaag	120
ccaccttgcac ccgattcttc gctttccact tcatcttacc atttattatc gcggccctag	180
caatcgttca cctcctcttc ctccacgaaa caggatcaaa caacccaaca ggattaaact	240
cagatgcaga taaaattcca tttcaccct actatacaat caaagatatac ctaggtatcc	300
taatcatatt cttaattctc ataaccctag tattatttt cccagacata ctaggagacc	360
cagacaacta cataccagct aatccactaa acacccacc ccatataaa cccgaatgat	420
atttcctatt tgcatacgcc attctacgct caatccccaa taaactagga gg	472

<210> 165

<211> 472

<212> DNA

<213> *Gorilla gorilla*

<400> 165

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tcgggtacat cggaacagac ctagtccaat gagtttgagg tggttactca gtagatagcc	120
ctacccttac acgattcttt accttccact ttatcctacc cttcatcatc acagccctaa	180
caaccctcca tctcttattt ctacacgaaa caggatcaaa caaccctcta ggcatccccct	240
cccaactctga caaaatcacc ttccaccct actacacaat caaagacatc ctaggcctat	300
tcctctttct cctgacccctg ataacattaa cactattctc accagaccc ctaggagacc	360
cagacaacta cacccctagcc aacccctaa gcacccacc ccacatcaa cccgaatgat	420
atttcctatt tgccctacgca attctccgat ctgtcccaa taaactagga gg	472

<210> 166

<211> 472

<212> DNA

<213> *Homo sapiens sapiens*

<400> 166

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tcccatataat tgggacagac ctagttcaat gaatctgagg aggctactca gtagacagtc	120
ccaccctcac acgattcttt accttccact tcaccccttgc cttcattatt gcagccctag	180
caacactcca cctccttattc ttgcacgaaa cggatcaaa caacccctta ggaatcacct	240
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ttctcttctt tctctccatc atgacattaa cactattctc accagaccc ctaggcgacc	360
cagacaattt taccctagcc aacccctaa acacccctcc ccacatcaag cccgaatgat	420
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<210> 167

<211> 472

<212> DNA

<213> Dugong dugong

<400> 167

tcccatgagg acaaataatca ttctgaggag caaccgttat tactaacctc ctgtcagcta	60
tcccctacat cggcaccaac ctatcgaaat gagtttgagg gggattctca gttagacaaag	120
ccaccctcac ccgattcttc gccctacact tcattcattacc cttcatcgta accggccctag	180
taatagtcca cttactattc ctccacgaaa caggctccaa caacccacg ggactgatct	240
ccgactcaga caaaatccca ttccacccat attattcagt caaagacctc ctaggcctat	300
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cagacaacta cacaccagcc aacccactaa acacccctcc ccacataaa ccagaatgat	420
actttctatt ccgatacgtt atcctccat ctatccctaa taaaacttaggc gg	472

<210> 168

<211> 472

<212> DNA

<213> Elephas maximus

<400> 168

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caaccttaaa ccgattcttc gccttccatt tcattcattcc atttactata gtgcactag	180
caggagtgc cttacacccc cttcacgaaa caggctaaaa caacccacta ggtctcactt	240
cagactcaga caaaatccc tttcacccgt actataactat caaagacttc ctaggcctac	300
ttatcctaat ttatcctt ctactcttag ccctactatc tccagacata ctaggagacc	360
ctgacaacta cataccagct gatccactaa atactccct acacataaa ccagagtgtat	420
acttcctttt tgcttacgat attctacgat ctgtacccaa caaacttagga gg	472

<210> 169

<211> 472

<212> DNA

<213> Afropavo congensis

<400> 169

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tcccctataat tggtaaaacc ctatcgaaat gggctgagg aggattctca gtgcacaacc	120
caaccctcac ccgattcttc gccctacact ttcttctccc ctttctaatt gccccgatata	180
caattatcca cttcacatc ttatcgaaat caggctaaaa caacccactg ggcacatctcat	240
ccaattcaga taaaatccca ttccacccgt actactccct caaagatatac ctaggcttag	300
cactcatgtt cttccatcc ttgcacactag ccctactctc ccccaacctc tttaggtgatc	360
cagaaaaactt cacccacgca aaccctctag taactcccc acacataaa ccagaatgg	420
atttcttatt tgcctatgcc atccttcgtt caatccctaa caaacttagga gg	472

<210> 170

<211> 472

<212> DNA

<213> *Pavo muticus*

<400> 170

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caaccctcac ccgattcttc gcccctacact ttctcctccc cttttaatc gcaggaatta	180
caattatcca cctcacattc ctccatgaat caggctcaaa taatccacta ggcacatctcat	240
ccaaactcaga caaaattccg ttccaccat actactccct caaagatatac ctaggcttaa	300
ctcttatatt tatcccattc ctaacactag ccctattctc ccccaatctc cttaggtgacc	360
cagaaaactt taccctcagca aaccccttag taacccccc gcacattaaa ccagaatgat	420
acttcttatt tgccctacgccc atccttcgtt caatccccaa caaacttagga gg	472

<210> 171

<211> 472

<212> DNA

<213> *Tragopan blythii*

<400> 171

tcccatgagg acaaataatca ttttgagggg ctaccgtcat cacaactta ttctcagcaa	60
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caaccctcac tcgattcttc gcccctacact ttctcctccc attttaatc gcaggaatta	180
ccatcatgca cctcatcttc ttacatgaat caggctctaa taacccactg ggcacatctcat	240
ctaactctga caaaatccca ttccaccctg actactccct caaagatatac ctgggtctaa	300
cactcatgct caccctccctc ctcacactag cattattctc accgaaccta tttaggcgacc	360
cagaaaactt caccctcagca aacccactag taacccctcc ccatatcaaa ccagaatgat	420
acttccttatt cgcttatgccc atcctgcgtt caatccccaa caaacttggg gg	472

<210> 172

<211> 472

<212> DNA

<213> *Tragopan satyra*

<400> 172

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tcccatatacat tggccaaacc ctagtagaat gagcgtgagg cggctttca gttgacaatc	120
caaccctcac ccgattcttc gcccctacact ttctcctccc attttaatc gcaggaatta	180
ctatcataca cctcatcttc ttacatgaat caggctctaa taacccactg ggcacatctcat	240
ccaaactctga caaaatccca ttccatccat actactccct caaggatatac ctaggctaa	300
cactcatgct caccctccctc ctcacactag ctttattctc accaaaccta cttaggtgatc	360
cagaaaactt caccctcagca aacccactag taacccctcc ccatatcaaa ccagaatgat	420
acttccttatt cgcttatgccc atcctgcgtt caatccccaa caaacttggg gg	472

<210> 173

<211> 472

<212> DNA

<213> Tragopan caboti

<400> 173

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tcccatacat tggccaaact	ctagtagaat gggcttgagg	gggcctttca	gttgacaatc	120
caacccttac ccgattcttt	gccctacact tcctcctccc	atttgtatc	gcaggaatca	180
ccatcatcca cctcatcttc	ctacatgaat caggctctaa	caaccctctg	ggcatctcat	240
ctgactctga caaaaatccca	ttccaccctgt actactccct	caaagatatc	ctgggcctaa	300
cactcatact cactcctctc	ctcacactag ctttatttc	accaaaccct	ctaggtgacc	360
cagaaaactt caccctcagca	aacccttgg taactcctcc	ccatatcaag	ccagaatgg	420
atttcctgtt cgcttatgcc	atcctacgct caatccaaa	caaactcgga	gg	472

<210> 174

<211> 472

<212> DNA

<213> Tragopan temminckii

<400> 174

tcccatgagg acaaataatca	ttttgagggg ctaccgtcat	cacaaattta	tttcagcaa	60
tcccatacat tggccaaacc	ctagtagaat gagcttgagg	gggcctttca	gttgacaatc	120
caacccttac ccgattcttt	gccctacact tcctcctccc	atttgtatc	gcaggaatta	180
ccatcatcca cctcatcttc	ctacatgaat caggctctaa	caaccctctg	ggcatctcat	240
cttaactctga caaaaatccca	ttccaccctgt actactccct	caaagatatc	ctaggcctaa	300
cactcatact cactcccctc	ctcacactag ctttatttc	accaaaccct	ctaggtgatc	360
cagaaaactt caccctcagca	aaccctactag taactcctcc	ccatatcaaa	ccagaatgt	420
atttcctgtt cgcttatgcc	atcctgcgct caatccaaa	caaactcgga	gg	472

<210> 175

<211> 472

<212> DNA

<213> Argusianus argus

<400> 175

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ccacccttac ccgattcttt	gctctacatt tcctcctacc	ttcgtaatc	gcaggaatca	180
ccatcatcca cctcacattc	ctacacgaat caggctctaa	caaccctact	ggcatctcat	240
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cactcatact cgctccattc	cttacactaa cccttattct	cccaaaccct	ctaggtgacc	360
cagaaaactt caccctcagca	aaccctttag taactccacc	ccacatcaag	ccagaatgt	420
acttcctatt cgcttatgcc	atcctacgct caatccaaa	caaactcgga	gg	472

<210> 176

<211> 472

<212> DNA

<213> *Catreus wallichii*

<400> 176

ttccatgggg acaaatatca ttttgggggg ctactgtcat cacaatcta ttctcagcaa	60
tcccttacat cggacagacc ctatgtggat gagcctgagg aggattctca gttgacaatc	120
caactctcac ccgattttc gcccgtact tcctccttcc ctctgttaatt gcaggaatca	180
ccatcaccca tctcatattc ctacatgtat caggtcaaa taacccctta ggcattctcat	240
ctaactccga caaaatccca ttccacccat actactccct caaagatatac ctaggcctag	300
cacttataatt cacccttattc ctaacactag ccctatttctc accaaatctt ctgggcgacc	360
cagaaaactt cacccttattc aatccattag taaccccttacc acacattaaa ccagaatgg	420
acttcttattt tgccttacgct atccttacgct caatcccaaa taaaactcgga gg	472

<210> 177

<211> 472

<212> DNA

<213> *Crossoptilon crossoptilon*

<400> 177

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tcccttacat tggacaaacc ctatgtggat gagcctgagg gggattctca gttgacaacc	120
caaccctcac ccgattttc gcccgtact tcctccttcc ctctgttaatt gcaggaatca	180
ctgtcaccca cctcatattc ctacacgtat caggtcaaa caacccacta ggcattctcat	240
ctaattccga caaaatccca ttccacccat actactccct caaagacatc ctaggcctag	300
cacttataact cacccttattc ctaacactag ccctatttctc acctaaccctt ctgggcgacc	360
cagagaactt cacccttattc aacccactag taaccccttacc tcacattaaa ccagaatgt	420
acttcttattt tgccttacgct atccttacgct caatcccaaa taaaactcgga gg	472

<210> 178

<211> 472

<212> DNA

<213> *Syrmaticus reevesi*

<400> 178

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caaccctcac ccgattttc gcccgtact ttctccttacc ctctgttaatt acaggaatca	180
ccatcacaca tcttatgttc ctacacgtat caggtcaaa caacccacta ggcatttcat	240
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cacttataact cacccttattc ctcacactag ccctatttctc acctaaccctg ctaggcgtacc	360
cagaaaactt cacccttattc aacccactag taaccccttacc tcacattaaa ccagaatgt	420
acttcttattt tgccttacgct atccttacgct caatcccaaa caaactgggg gg	472

<210> 179

<211> 472

<212> DNA

<213> *Bambusicola thoracica*

<400> 179

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ttccctacat cggacaaacc	ctagtagaat gagcctgggg	gggattctca gtagacaacc	120
caactctcac ccgattctc	gccttacact tcctactccc	cttcgttaatc gcaggaatta	180
ccattatcca cctcacattc	ttacacgaat caggatcaaa	caaccccta ggcatctcat	240
ctaactccga caaaatccca	ttccaccat actactcctt	taaagacatt ctcggcctag	300
cccttatatt catcccattc	ctgacactag ccctattctc	ccctaaccctc ctaggagacc	360
cagaaaacct caccaggca	aaccactag taacccctcc	acacatcaaa ccagagtgg	420
acttcctatt cgctatgct	atcgtacgat caatccccaa	caaactcgga gg	472

<210> 180

<211> 472

<212> DNA

<213> *Francolinus francolinus*

<400> 180

tcccatgagg ccaaataatca	ttctgagggg ctaccgtcat	tacgaaccta ttctcagcaa	60
ttccctacat tggacaaacc	ttagtagagt gagcctgagg	gggattctca gtagataacc	120
caaccctcac ccgattctc	gcccttacact tccttctccc	cttcgttaatt gcaggaatca	180
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ctgactctga caaaatccca	ttccaccat actacaccct	caaagacatc ctaggcctaa	300
cccttatatt catcccttc	cttacactag ccctattctc	ccccaaccctc ctaggcgacc	360
cggaaaacct caccaggca	aaccactag taactctcc	ccacatcaaa ccagaatgat	420
acttcctatt tgcctacgca	atcgtacgat caatccccaa	caaactcgga gg	472

<210> 181

<211> 472

<212> DNA

<213> *Ithaginis cruentus*

<400> 181

taccatgagg acaaataatca	ttctgaggag ccactgtat	cacaaaccta ctctcagcaa	60
ttccctacat cggccaaact	ctggtagaat gagcttgggg	aggatttca gtagacaacc	120
caaccctcac ccgattctc	gcccttacact ttcttctccc	cttcgtcaatc gcaggaatta	180
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cacttatact catccccctt	tttacactag tccttatttc	ccccaaccctc ctaggagatc	360
cagaaaacct tagtccagca	aacccttag taacccccc	ccatattaaa ccagaatgat	420
acttcctatt tgcctacgca	atcgtacgat caatccccaa	taaacttgga gg	472

<210> 182

<211> 472

<212> DNA

<213> *Anthropoides paradisea*

<400> 182

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ccacattaac tcgattcttc actttacact tcctccttcc attcataatt atgggcctca	180
ccctaattcca cctcaccttc cttcacgagt ccggctcaaa caacccctta ggcattgtat	240
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc cttaggattca	300
tactcataact actcccaactc ataaccctag ctctattctc accaaactta cttaggagacc	360
cagaaaactt caccaggca aaccccttag tcacacctcc ccatatcaaa ccagaatgtat	420
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<210> 183

<211> 472

<212> DNA

<213> *Anthropoides virgo*

<400> 183

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ccacattaac tcgattcttc acgttacact tcctccttcc attcataatt atgggcctca	180
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcatcgtat	240
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc cttaggattca	300
tactcataact actcccaactc ataaccctag ctctattctc accaaactta cttaggagacc	360
cagaaaactt ccccccaggca aatcccttag tcacacctcc ctatattaaa ccagaatgtat	420
atttcttatt tgcatatgcc atcctacgtt caattccaaa caaacttagga gg	472

<210> 184

<211> 472

<212> DNA

<213> *Grus antigone antigone*

<400> 184

taccatgagg acaaatatca ttttgagggg ctacagtcac caccaatctc ttctcagccg	60
tcccctacat cggccaaacc cttgtagaat gagcttgagg gggtttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctccttcc attcataatc ataggcctca	180
ccctaattcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcatcgtat	240
caaactgcga taaaatccca ttccacccct acttttcctt aaaagatatc cttaggattca	300
cactcataact actcccaactc ataaccctag ctctattctc accaaaccta cttaggagacc	360
cagaaaactt caccaggca aaccccttag tcacacctcc tcataatcaag ccagaatgtat	420
acttttatt tgcatatgcc atcctacgtt caattccaaa caaacttagga gg	472

<210> 185

<211> 472

<212> DNA

<213> *Grus antigone gillae*

<400> 185

taccatgagg acaaatatca ttttgagggg ctacagtcat caccaatctc ttctcagccg	60
tcccctacat cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctcattcc attcataatc ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccct acttttcattt aaaagatatc cttaggattca	300
cactcataact acttccactc ataaccctag ccctattctc accaaaccta cttaggagacc	360
cagaaaactt caccctagca aaccccttag tcacacctcc tcataatcaag ccagaatgtat	420
acttttatt tgcatacgcc atcctacgtt caatccaaa caaacttagga gg	472

<210> 186

<211> 472

<212> DNA

<213> *Grus antigone sharpei*

<400> 186

taccatgagg acaaatatca ttttgagggg ctacagtcat caccaatctc ttctcagccg	60
tcccctacgg cggccaaacc cttgtagaat gagcttgagg gggcttctca gtagacaatc	120
ccacattaac tcgattcttc actttacact tcctcattcc cttcataatc ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccct acttttcattt aaaagatatc cttaggattca	300
cactcataact acttccactc ataaccctag ccctattctc accaaaccta cttaggagacc	360
cagaaaactt caccctagca aaccccttag tcacacctcc ccataatcaag ccagaatgtat	420
acttttatt tgcatacgcc atcctacgtt caatccaaa caaacttagga gg	472

<210> 187

<211> 472

<212> DNA

<213> *Grus leucogeranus*

<400> 187

taccatgagg acaaatatca ttttgagggg ctacagtcat caccaatctc ttctcagccg	60
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ccacattaac tcgattcttc actttacact tcctcattcc attcataatc ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaatccca ttccacccct acttttcattt aaaagatatc cttagggttca	300
tactcataact acttccactc ataacccttag ccctattctc accaaactta cttaggagacc	360
cagaaaactt cactccagca aaccccttag taacacccccc acatattaaa ccagaatgtat	420
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<211> 472

<212> DNA

<213> *Grus canadensis pratensis*

<400> 188

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ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcattgtat	240
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc cttagggttca	300
tactcatact acttccactc ataaccctag ctctatttc accaaactta cttaggagacc	360
cagaaaactt caccaggca gaccccttag tcacacctcc ccatatcaaa ccagaatgat	420
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<210> 189

<211> 472

<212> DNA

<213> *Grus canadensis rowani*

<400> 189

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ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
ccctaatcca cctcaccttc cttcacgaat ccggctcaaa caatccctta ggcattgtat	240
caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc cttagggttca	300
tactcatact acttccactc ataaccctag ctctatttc accaaactta cttaggagacc	360
cagaaaactt caccaggca aaccccttag tcacacctcc ccatatcaaa ccagaatgat	420
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<210> 190

<211> 472

<212> DNA

<213> *Grus canadensis tabida*

<400> 190

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ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
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caaactgcga taaaatccca ttccacccct attttcctt aaaagatatc cttagggttca	300
tactcatact acttccactc ataaccctag ctctatttc accaaactta cttaggagacc	360
cagaaaactt caccaggca aaccccttag tcacacctcc ccatatcaaa ccagaatgat	420
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<210> 191

<211> 472

<212> DNA

<213> *Grus canadensis canadensis*

<400> 191

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ccacattaac ccgattcttc actttacact tcctcctccc attcataatt ataggcctca	180
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caaactgcga taaaatccca ttccacccctt attttcctt aaaagatatc cttagggttca	300
tactcataact acttccactt ataaccctag ctctattctc accaaactta cttaggagacc	360
cagaaaactt caccaggca aacccttag tcacacctcc ccatatcaaa ccagaatgtat	420
acttttatt tgcctacgcc atcttacgct caatccaaa caaacttagga gg	472

<210> 192

<211> 472

<212> DNA

<213> *Grus americana*

<400> 192

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ccacattaac ccgattcttc actttacact tcctcctccc attcataatc ataggcctca	180
ccctaatacca cctcaccttc cttcacgaat ccggctcaaa caacccctta ggcatcgat	240
caaactgcga taaaatccca ttccacccctt attttcctt aaaagacatc cttaggattca	300
cactcatatt acttccactc ataaccctag ctctattttc accaaactta cttaggagacc	360
cagaaaactt caccaggca aacccttag tgacacctcc ccatattaag ccgaaatgtat	420
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<210> 193

<211> 472

<212> DNA

<213> *Grus grus*

<400> 193

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ccacattaac ccgattcttc accttacact tcctcctccc attcataatc ataggcctca	180
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cagaaaactt caccaggca aacccttag tcacacctcc ccatattaag ccgaaatgtat	420
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<210> 194

<211> 472

<212> DNA

<213> *Grus monacha*

<400> 194

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caaactgcga taaaattcca ttccacccctt attttcctt aaaagatatc cttaggattca	300
tattcatatt acttccactc ataaccctag ctctattttc accaaactta cttaggagacc	360
cagaaaaactt caccacagca aaccccttag tcacacctcc tcataattaaa ccggaatgat	420
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<210> 195

<211> 472

<212> DNA

<213> *Grus nigricollis*

<400> 195

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ccacattaac tcgattcttc accttacact tcctcctccc attcataatc ataggcctca	180
ccctaatcca cctcaccttc ctccacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgcga taaaattcca ttccacccctt attttcctt aaaagatacc cttaggattca	300
tattcatatt acttccactc ataaccctag ctctattttc accaaactta cttaggagacc	360
cagaaaaactt caccacagca aaccccttag tcacacctcc ccatattaag ccggaatgat	420
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<210> 196

<211> 472

<212> DNA

<213> *Grus japonensis*

<400> 196

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ccacattaac tcgattcttt accttacact tcctcctccc attcataatc ataggcctca	180
ccctaatcca tctcaccttc ctccacgaat ccggctcaaa caacccctta ggcacatcgat	240
caaactgtga taaaatccca ttccacccctt attttcctt aaaagatatc tttaggattta	300
cactcatatt acttccactc ataaccctag ccctattctc accaaactta cttaggagacc	360
cagaaaaactt caccacagca aaccccttag ttacacctcc ccatattaag ccggaatgat	420
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<210> 197

<211> 472

<212> DNA

<213> Ciconia boyciana

<400> 197

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caacactaac ccgattttc gccctacact ttcttctccc cttcgcaatc gcaggcctca	180
ccctaattcca cctcaccttc ttccacgagt ccggctcaaa caacccctta ggcatcatct	240
caaactgcga caaaattcca ttccaccctt acttctccct caaagatatac ctaggcctta	300
cactcctact tctgcccacta accaccctgg ccctattctc acccaaccta ctagggtgacc	360
cagagaactt caccctagcc aaccccttag tcacacccccc tcacatcaag ccagagtgg	420
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<210> 198

<211> 472

<212> DNA

<213> Rhea americana

<400> 198

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ctaccctaac ccgattttc gccctgact tccttctccc cttcctaatac gcaggcatta	180
ctcttattcca cctcaccttc ctacacgaaa ccgggtccaa caacccctta ggaatcgat	240
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cagaaaactt caccctagcc aaccccttag ttacacccccc tcacatcaag ccagaatgat	420
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<210> 199

<211> 472

<212> DNA

<213> Anthracoceros albirostris

<400> 199

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caaccctgac acgattttc gccctacact ttcttctccc gttcataatc gcaggcctag	180
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cagtaatact cctccttcta acctccctag cccttctc ccccaaccta cttaggagacc	360
cagaaaactt cacaccagca aacccctgg taactccccc ccattaaag ccagaatggt	420
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<210> 200

<211> 472

<212> DNA

<213> Falco femoralis

<400> 200

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caacactgac ccgattttc gccctacact tcctcctacc attcctaatac gcagggtca	180
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caaactgcga taaaatcca ttccatccct attactctct caaagacctc cttaggattca	300
tactcatata cctcccccta ataaccttag ccctattcac tcccaaccta cttaggagacc	360
cagaaaaactt tacaccagca aatcccctag tcacccccc acacatcaaa ccagaatgat	420
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<210> 201

<211> 472

<212> DNA

<213> Falco verpertinus

<400> 201

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caacactaac ccgattttc gccctacact ttctcctacc attcctaatac gcagggtca	180
ccctaattca cctcaccttc ctacacgaat caggttcaaa caaccccta ggaatcacat	240
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tactcatata cctcccccta ataacccctag ccctatttac cccaaactta cttaggagacc	360
cagaaaaactt cacaccagca aaccccttag tcacacccccc acacatcaaa ccagaatgat	420
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<210> 202

<211> 472

<212> DNA

<213> Falco peregrinus

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ttttc gccctacact tcctacttcc attcctaatac gcaggactca	180
tttc ctacatgaat caggttcaaa taaccccta ggaatcacat	240
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taacccttag ccctatttac cccaaacctg cttaggagacc	360
atcccttag tcacccccc acacatcaaa ccagaatgat	420
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<210> 203

<211> 472

<212> DNA

<213> *Falco sparverius*

<400> 203

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caacactaac ccgcttcttc gccttacact tccttctacc attcctaatac gcagggctta	180
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tgctcataact cctgccccta atagccctag cccttattcac cccaaacctg ctaggagacc	360
cagaaaactt cacaccagcg aaccccttag tcaccccccacc acacatcaaa ccagaatgat	420
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<210> 204

<211> 472

<212> DNA

<213> *Aythya americana*

<400> 204

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caaccctaac tcgattcttc gccatccact tccttactacc ctccctaatac gcaggaatca	180
ccctagtc当地 ccttactttc ctgcacgagt caggtcaaa caaccccta ggcattgtat	240
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cagaaaactt taccctcagca aacccactag taaccccccacc ccacatcaaa ccagaatgat	420
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<210> 205

<211> 472

<212> DNA

<213> *Smithornis sharpei*

<400> 205

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cagaaaattt cacaccggcc aactccctcg tcactcccccc tcataatcaaa cccgaatgat	420
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<210> 206

<211> 472

<212> DNA

<213> *Vidua chalybeata*

<400> 206

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<210> 207

<211> 472

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<213> *Chrysemys picta*

<400> 207

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<210> 208

<211> 472

<212> DNA

<213> *Emys orbicularis*

<400> 208

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<210> 209

<211> 472

<212> DNA

<213> Chelonia mydas

<400> 209

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<210> 210

<211> 472

<212> DNA

<213> Eumeces eggregius

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<210> 211

<211> 472

<212> DNA

<213> Antelope cervicapra

<400> 211

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25

<210> 213

<211> 26

<212> DNA

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<223> Universal primer for amplifying a fragment of cytochrome b
gene of animal species in polymerase chain reaction

<400> 213

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26

<210> 214

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for amplifying a fragment of cytochrome b
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<400> 214

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22

<210> 215

<211> 23

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 <213> Aepyceros melampus
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 cagacacacaga caaaatccca tttcatcctt attacacaat caaagatatc ctaggcgccc 300
 tattactaat tctagctta ttactcttag tattattcac acctgaccta cttggagacc 360
 cagataacta caccccttgc aacccactca acactcccc tcacattaaa ccagaatgg 420
 atttntatt ngcatacgca atcctacgat caatccccaa taaacttagga gg 472
 <210> 218
 <211> 472
 <212> DNA

<213> Addax nasomaculatus.

<400> 218

tgccatgagg acaaataatca ttctgaggag caacagtcat caccaacctt ctctcagcaa	60
tcccatatat cggcacagac ctggtcgaat gaatctgagg aggattctcc gtagacaaag	120
caacccttac ccgattttc gccttccact ttattctccc ctatttattatc gctgcccttg	180
ccatagtcca tctactctt ctccacgaaa caggtccaa caaccctaca ggaatctcct	240
cagacacaga caaaaatccc ttccaccctt actataccat taaagacatc ttaggcgccc	300
tactactaat tctagtcctc atactactag tattattcac acccgaccta cttggagacc	360
cagacaatta tacccagca aatccactt gcacgcccc tcacatcaaa cctgaatgat	420
atttcctatt tgcatacgca attctacgat caatccccaa caaacttagga gg	472

<210> 219

<211> 472

<212> DNA

<213> Oryx damah

<400> 219

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tcccatatacat cggcacaaat ctgtcgaat gaatttgagg gggattctcc gtagacaaag	120
caaccctcac ccgattttc gccttccact ttattctccc ttatttattatc gctgcccttg	180
ccatagtcca cctactctt ctccacgaaa caggtccaa caaccctaca ggaatcacct	240
cagacacaga caaaaattccg ttccaccctt attataccat taaagatatac ttaggcgccc	300
tactactaat cctagccctt atgttgctag tattattcgc acccgaccta cttggagacc	360
cagataatta tacaccagca aatccactt acacaccccc tcacatcaaa cccgaatgat	420
atttcctatt tgcatatgct atcttacgat caatccccaa caaacttagga gg	472

<210> 220

<211> 472

<212> DNA

<213> Hippotragus equinus

<400> 220

taccatgagg acaaataatca ttctgaggag caacagtcat caccaacctc ctctcagcaa	60
tcccatatat tggcacaaac ctgtcgaat gaatctgagg gggattctcc gtagacaaag	120
caaccctcac ccgattttc gccttccact ttattctcc ctattatcatc actgcccttg	180
ccatagtaca cctactctt ctccatgaga caggtccaa caacccaca ggaatttgat	240
cagactccga taaaaccccc ttccaccctt actacaccat taaagacatt ctaggcgccc	300
tactactaat tctagccctc atactactag tactattcgc acccgaccta cttggagacc	360
cagacaacta tgcccccagca aacccactca acacgcccc tcacataaa cccgaatgat	420
atttttatt cgcgtacgca attctacgat cgatccccaa taagctggga gg	472

<210> 221

<211> 472

<212> DNA

<213> *Alcelaphus buselaphus*

<400> 221

tgccatgagg acaaatatca ttctgagggg caacagtcat caccaatctc ctctcagcaa	60
tcccatatat tggcacagac ctatgtggaaat gaatctgagg gggattctca gtagacaaag	120
caacccttac ccgattttt gccttccact tcattcttcc attcatcatt gcagcccttg	180
ccatagttca ccttttatttc ctccacgaaa caggatctaa caacccaca ggaatctcat	240
cagacgcaga taaaatccca ttccacccct actatacat caaggacatt cttaggcgccc	300
tattactaat cctagccctc atactactag tactattcgc acccgacctg ctggagacc	360
cagacaacta caccggcg aacccactta acacacccccc tcacatcaag cccgaatgat	420
atccctatt tgcatacgca atcctacgat caatccctaa caaacttagga gg	472

<210> 222

<211> 472

<212> DNA

<213> *Sigmoceros lichtensteinii*

<400> 222

tgccatgagg acaaatatca ttctgagggg caacagtcat caccaatctc ctctcagcaa	60
tcccatatat tggcacagac ctatgtggaaat gaatctgagg aggattatca gtagacaaag	120
caacccttac ccgattttt gccttccact tcattcttcc attcatcatt gcagcccttg	180
ccatagttca ccttttatttc ctccacgaaa caggatctaa caacccaca ggaatctcg	240
cagacgcaga taaaatccca ttccacccct actatacat caaggacatt cttaggcgccc	300
tattactaat tctagccctc atactactag tactattcgc acccgacctg ctggagacc	360
cagacaacta caccggcg aacccactta acacacccccc tcacatcaag cccgaatgat	420
atccctatt tgcatacgca atcctacgat caatccctaa caaacttagga gg	472

<210> 223

<211> 472

<212> DNA

<213> *Beatragus hunteri*

<400> 223

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tcccatatat tggtacaaac ctatgtggaaat gaatctgagg aggattctca gtagacaaag	120
caaccctcac ccgatttttgccttccact ttattcttcc atttatcatt acagcccttg	180
ccatagttca ccttttatttc ctccacgaaa caggatctaa caacccaca ggaatctcg	240
cagatgcaga taaaattccca ttccacccct actacaccat caaagacatc cttaggcgccc	300
tactactaat tctagccctc atattactag tactatttgc acccgacctg ctggagacc	360
cagacaacta caccggcg aacccactta atacacccccc tcacatcaaa cccgaatgat	420
atccctatt tgcatacgca atcctacgat caatccccaa taaacttagga gg	472

<210> 224

<211> 472

<212> DNA

<213> *Damaliscus lunatus*

<400> 224

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ttccatacat cggcacaaat ctatcgaaat ggatctgagg gggcttctca gtagacaaag	120
ccaccctcac ccgattcttt gccttccact tcatcttccc atttatcatc gtagctcttg	180
ccatagtgcg cctcttattc ctccatgaaa caggatctaa caacccaca ggaatctcat	240
cagatgcgga caaaatcccg tttcacccct actacactat caaagacgcc cttaggggcc	300
tactactaat tctagccctc atactactag tactatttgc acccgacctg ctcggagacc	360
cagacaacta cacccttgca aacccactca acacaccccc tcacatcaag cccgagtgat	420
atttcctatt cgcatatcgca atcctacgat cgatccccaa cgagctagga gg	472

<210> 225

<211> 472

<212> DNA

<213> *Connochaetes taurinus*

<400> 225

taccatgagg acaaataatcc ttttgaggag caacagtcat caccaacctc ctctcagcaa	60
tcccatacat tggcactaac ctatcgaaat gaatctgagg gggattctca gtagacaaag	120
caacccttac ccgatttttc gccttccact tcattcctcc atttatcatc acagcccttg	180
ctatagtcca tctccttattc ctccacgaaa caggatctaa caatccaca ggaatttcat	240
ccgacaccga taaaatccca ttccccccct attacaccat caaagacatc cttaggcgctc	300
tattactaat tctagcccta atactactag tactatttgc gccccattta ctggagacc	360
cagacaacta caccctcgca aatccactca acacaccccc tcacatcaag cccgaatgat	420
acttcctatt tgcatatgca atcctacgat caatccccaa cgacttagga gg	472

<210> 226

<211> 472

<212> DNA

<213> *Bison bonasus*

<400> 226

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tcccatacat cggcacaaat ctatcgaaat gaatctgagg cggattctca gtagacaaag	120
caacccttac ccgatttttc gctttccact ttatcctccc atttattatc atagcaatttgc	180
ccatagtcca cctactattc ctccacgaaa cagttctaa caatccaaca ggaatttccct	240
cagacacaga caaaattcca ttccacccctt actataccat taaagacatc cttaggagcct	300
tattactaat tctaactcta atactactag tactatttgc accggacctc ctggagacc	360
cagataacta caccctcgca aatccactca acacacctcc ccacatcaaa cccgaatgat	420
acttcctatt tgcatangca attttacgat caatccccaa caaacttagga gg	472

<210> 227

<211> 472

<212> DNA

<213> Bos grunniens

<400> 227

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ttccatacat cggcacaaat	ttagtcgaat ggatttgagg	tgggttctca	gtagacaaag	120
caaccctcac ccgattcttc	gctttcaact ttatcctccc	atttattatt	acagcaattg	180
ccatagtcca cctactattc	ctccacgaaa caggtccaa	caatccaaca	ggaatctcct	240
cagacgcaga caaaattcca	tttcacccct actataccat	taaagacatc	ttaggagccct	300
tattactaat tctagcccta	atacttctgg tactattcac	acccgacctc	ctcggagacc	360
cagacaacta caccaggca	aatccactca acacacctcc	ccacatcaa	cccgaaatgat	420
acttcttatt tgcatacgca	attttacgat caatccccaa	taaacttagga	gg	472

<210> 228

<211> 472

<212> DNA

<213> Bos tragocamelus

<400> 228

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tcccatat cggcacaaac	ctagttgaat gaatctgagg	cgggttctca	gtagacaaag	120
caaccctaac ccgattcttc	gctttcaact ttatcctccc	attcatcatt	gcagccctcg	180
caataatcca tctactcttc	ctccatgaaa caggtctaa	caatccaaca	ggaatttcat	240
cagacgcaga taaaatccca	tttcacccct actacactat	taaagacatt	ctaggagccc	300
tactacttat tctagcccta	ataataactag tactattcgc	acccgacctc	ctcggagacc	360
cagacaacta caccaggca	aacccactta gcacacctcc	ccatattaag	cccgaaatggt	420
atttcctgtt cgcatacgca	attttacgat caatccccaa	caaacttagga	gg	472

<210> 229

<211> 472

<212> DNA

<213> Bubalus bubalis

<400> 229

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caaccctcac ccgattcttc	gcatttcaact tcatacctccc	attcatttattc	gcaggacttg	180
caatagtcca ctttattttt	ctccacgaaa caggatccaa	caacccaaca	ggaatctcat	240
cagacacaga caaaatccca	ttccacccct attacaccat	taaagacatc	ctaggcgccc	300
tactattaat cctagcccta	atactatttag tactattcgc	acccgacctc	ctcggggacc	360
cagacaacta caccaggca	aacccactca acacacctcc	ccacatcaa	cctgaatggt	420
acttcctatt cgcatacgca	attttacgat caattcctaa	caaacttagga	gg	472

<210> 230

<211> 472

<212> DNA

<213> *Bubalus mindorensis*

<400> 230

tgccatgagg acaaatatca ttctgaggag caacagtcat cacaaacctt ctctcagcaa	60
tcccatatac tggcacaaac ctatgtgagt gaatttgagg gggattctca gtagacaaag	120
caaccctcac ccgattttc gcatttact tcattctccc attcatatac gcagcacttg	180
caatagtcca cctattattt ctccacgaaa caggatccaa caacccaaca ggaatctcat	240
cagacacaga caaaaatccc ttccacccct actacaccat taaagacatt ctaggcgccc	300
tgcttataat cctagcccta atactattag tactattcac acccgacctc ctcggggacc	360
cagacaacta caccggcactca aacccactca acacacctcc ccatatcaa cctgaatgg	420
acttcctatt cgcatatcgca atcctacgat cagttctaa caaacttagga gg	472

<210> 231

<211> 472

<212> DNA

<213> *Tragelaphus angasii*

<400> 231

tgccatgagg acaaatatca ttctgaggag caacggtcat cacaaacctc ctatcagcaa	60
tcccatatac tggcacaaac ctatgtgaaat gaatctgagg aggcttctcg gtagacaagg	120
caaccctaac ccgattttc gcatttccact tcattctccc gtttattattt acagcgctgg	180
ttatggtcca cctattattt ctccatgaaa caggatccaa caacccaaca ggaatctcat	240
cagacataga caaaaattcca ttccacccctt attacactat caaggacatc ctaggcgccc	300
tacttataat cctagcccta atagtacttag tactattcac acctgacctc ctcggagacc	360
ccgacaacta caccggcactca aacccctcc atacacctcc ccatatcaa cctgaatgat	420
atttcctgtt cgcatatcgca atcctacgat ctatccccaa caagcttagga gg	472

<210> 232

<211> 472

<212> DNA

<213> *Tragelaphus eurycerus*

<400> 232

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tcccttatac tggcacccagc ctatgtgaaat gaatctgagg gggctttca gtagacaaag	120
caaccctaac ccgattttc gcatttccact ttatcctcc atttattattt acagcacttag	180
ccatggtaca cctactattt ctccacgaaa caggatccaa caacccaaca ggratctcat	240
craacataga caaaaattcca tttcacccctt actacactat taaggacatc cttaggtgccc	300
tactgctaatt cctaactcta atactccttag tactattcgac acccgacctt ctcggagacc	360
ccgacaacta caccggcactca aacccactca acacaccacc tcataatcaa cctgaatgat	420
atttcctattt cgcatatcgca atcctacgat caatccctaa taaacttagga gg	472

<210> 233

<211> 472

<212> DNA

<213> *Nemorhaedus caudatus*

<400> 233

taccatgagg acagatatac ttctgagggg caacagttat taccaatctt ctctcagcaa	60
tcccatatat tggcacaaac ctatcgaaat gaatctgagg gggattctca gtagacaaag	120
ctactctcac ccgattcttc gccttccact tcatacctccc atttatttattt acagctactg	180
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cagacataga caaaatccca tttcaccctt attatacat caaagatattt ctaggcgcta	300
tactactaat cctcaccctt attttactgg tattatttac acctgactta cttggagatc	360
cagacaacta taccggcagca aacccactca gcacacccccc tcacattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caatcccaa taaacttaggc gg	472

<210> 234

<211> 472

<212> DNA

<213> *Pseudois nayaur*

<400> 234

tgccatgagg acaaataatca ttttgagggg caacagtcat caccaacctt ctctcagcaa	60
tcccctatat tggcacaaat ctatcgaaat ggatctgagg gggattctca gtagacaagg	120
ccactctcac ccgattcttc gccttccact tcatacctccc atttatttattt atagccctcg	180
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cagacacaga caaaatccca ttccaccctt actacaccat taaagatattt ctaggcgctg	300
cactgtaat cctcgccctg atattactag tattatttac acccgaccta ctcggagacc	360
cagacaacta caccggcagca aacccactca acacacccccc tcacattaaa cccgagtgtat	420
atttcctatt tgcatacgca atcctacgat caatcccaa caagcttagga gg	472

<210> 235

<211> 472

<212> DNA

<213> *Ammotragus lervia*

<400> 235

tgccatgagg acagatatac ttctgagggg caacagtcat caccaacctt ctctcagcaa	60
tcccatatac tggcacagac ctgggtcgaaat gaatctgagg gggattctca gtagacaaag	120
ctactctcac ccgattcttc gccttccact tcatacctccc attttaatc gcagccctag	180
ccatagtcca cttacttttc ctccatgaaa cgggatccaa caacccacaca ggaatttcat	240
cagacgcaga caaaatccca ttccaccctt actacaccat caaagatattt ctaggcgcca	300
tgcataat cctcaccctc acactactag tactatttac acccgatcta ctcggggacc	360
cagacaacta taccggcagca aatccactca acacacccccc tcacattaaa cctgaatgat	420
atttcctatt tgcatacgca atcctacgat caatcccaa taaactggga gg	472

<210> 236

<211> 472

<212> DNA

<213> *Capra falconeri*

<400> 236

taccatgagg acaaatatca ttctgagggg caacagtcat caccaatctc	ctctcagcaa	60
tcccatatat tggcacaaac ctagtcaat gaatctgagg aggattctca	gtagataaaag	120
ccaccctcac ccgattctc gccttccact ttatcctccc attcatcatt	gcaggcctcg	180
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cagacacaga caaaatccca tttcaccctt actacaccat taaagatatac	ctaggcgcca	300
tactactaat tctcgccctg atgctactag tactattcac acctgaccta	ctcggagacc	360
cagataacta tatcccagca aatccactca atacacccccc tcataatcaa	cctgagtggt	420
acttcctatt tgcatacgcatacctacgat caatcccaa caaacttagga	gg	472

<210> 237

<211> 472

<212> DNA

<213> *Capra ibex*

<400> 237

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ccactctcac ccgattctc gccttccact tcattcctccc attcatcatt	acagccctcg	180
ccatagtcca cctgctctc ctccacgaaa cggatccaa caacccaca	ggaattccat	240
cagacacaga caaaatccca ttccaccctt actacaccat taaagatatac	ttaggcgcca	300
tgctactaat tcttgccta atattactag tactattcac acccgaccta	ctcggggacc	360
cagacaacta taccacagca aacccactca atacacccccc tcacataaa	cctgaatgat	420
atttcctatt tgcatacgcatacctacgat caattcccaa caaacttaggg	gg	472

<210> 238

<211> 472

<212> DNA

<213> *Hemitragus jemlahicus*

<400> 238

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ttccatatat cggcacaaac ctagtcaat gaatctgagg aggattctca	gtagacaaaag	120
ctaccctaac ccgattctc gcttccact tcattcctccc attcatcatt	gcaggcctcg	180
ccatagtcca cctgctctc ctccacgaaa caggtccaa caacccaca	ggtattccat	240
cagatacaga caaaatccca tttcaccctt actacaccat taaagatatt	ttaggcgcca	300
tactactaat tcttgccta atattactag tactatttat acccgaccta	cttggagacc	360
cagacaacta taccacagca aatccactca acacacccccc tcacataaa	cctgaatgat	420
atttcctatt tgcatacgcatacctacgat caattcccaa caaacttagga	gg	472

<210> 239

<211> 472

<212> DNA

<213> *Rupicapra pyrenaica*

<400> 239

taccatgagg acagatata	ttctgaggag	caacagttat	taccaatctc	ctctcagcaa	60
tcccatacat	tggcatagac	ttagtcgagt	gaatctgagg	gggcttctcg	120
ctaccctcac	ccgattctt	gccttca	tcatcctccc	attcatcatt	180
ccatagtcca	cctactctc	ctccatgaaa	caggatcaaa	caacccaca	240
cagatgcgga	traaatcca	tttcacccct	actataccat	ggaatccat	300
tactactaat	cctcaccctt	atactactgg	tactatttac	ctaggcgcca	360
cagataacta	taccccagcg	aacccactca	acacacccccc	tcacataaa	420
atttcttgtt	tgcata	atcctacgat	caattccaa	cccgaaatgat	
				472	

<210> 240

<211> 472

<212> DNA

<213> *Rupicapra rupicapra*

<400> 240

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tcccgatat	tggcacagac	ttagtcgaat	gaatctgagg	aggcttctcg	120
ctaccctcac	ccgattctt	gccttccact	tcatcctccc	atttatcatt	180
ccctagtcca	cctactctc	ctccacgaaa	caggatctaa	caacccaca	240
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tactactaat	cctcaccctc	atactactag	tactattnac	ctgggcgcca	360
cagataatta	caccccagcg	aacccactca	acacacccccc	tcacataaa	420
atttcttatt	tgcata	atcctacgat	caatccaa	cccgagtgtat	
				472	

<210> 241

<211> 472

<212> DNA

<213> *Pantholops hodgsoni*

<400> 241

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tcccatacat	tggcacagac	ctagtcgaat	gaatctgagg	gggattctca	120
ctacccttac	ccgattctt	gccttccatt	tcattctccc	attcatcatc	180
ccatagtcca	cctactctc	ctccacgaaa	caggatccaa	caacccaca	240
cagatgcaga	caaaatcca	tttcacccct	actataccat	ggaattccat	300
tactactaat	cctaatacctc	atattactag	tactatttc	ctaggcgcta	360
cagacaatta	taccccagca	aacccctca	acacaccacc	ccacataaa	420
actttctatt	tgcata	atcctacgat	caatccaa	cctgaatgg	
				472	

<210> 242

<211> 472

<212> DNA

<213> *Budorcas taxicolor taxicolor*

<400> 242

taccatgagg acaaataatca ttttgaggag caacagtcat taccAACCTC ctctcagcaa 60
 tcccatacat tggcacaaac ctatgtgagt gaatctgagg aggattctca gtagacaaag 120
 catcccacac ccgattctt gccttcact tcattatcatc gcagacctcg 180
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 cagatgcaga taaaattcca tttcaccctt attacaccat taaagatatac cttaggagtca 300
 tactactaat cctcgccctc atgttgctag tactattat acttgacgta cttggagacc 360
 cagataat taccacgca aatccactca acacacccccc tcacatcaa cctgaatgat 420
 atttcctatt tgcatacgcatacttacgat caatcccaa caaacttagga gg 472

<210> 243

<211> 472

<212> DNA

<213> *Ovis ammon*

<400> 243

taccatgagg acaaataatca ttctgaggag caacagttat taccAACCTC cttcagcaa 60
 ttccatataat tggcacaaac ctatgtcaat gaatctgagg gggattctca gttagacaaag 120
 ccacccctgac ccgattctt gccttcact ttatTTCCC attcatatc gcagccctcg 180
 ccatagtcac cctactttc ctccacgaaa caggatccaa caacccaca ggaatcccat 240
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<210> 244

<211> 472

<212> DNA

<213> *Ovis vignei*

<400> 244

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<210> 245

<211> 472

<212> DNA

<213> Capcornis crispus

<400> 245

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ccaccctcac ccgattctt gccttcatt tcattctcc attcatcatc acagccctcg	180
ccatagtgca cctactttc ctccacgaaa caggatccaa caacccaca ggaatctcat	240
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tgctactaat cctcaccctc atactactag tactgttcac acccgaccta ctggagacc	360
cagacaacta cactccagca aacccactca acacacccccc tcacatcaag cccgagtgat	420
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<210> 246

<211> 472

<212> DNA

<213> Ovibos moschatus

<400> 246

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<210> 247

<211> 472

<212> DNA

<213> Oreamnos americanus

<400> 247

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ccaccctgac ccgattcttc gccttcact ttatccccc attcatcatc gcagccctcg	180
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<210> 248

<211> 472

<212> DNA

<213> Cephalophus dorsalis

<400> 248

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<210> 249

<211> 472

<212> DNA

<213> Cephalophus maxwellii

<400> 249

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<210> 250

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<212> DNA

<213> Alces alces

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<210> 251

<211> 472

<212> DNA

<213> *Hydropotes inermis*

<400> 251

<210> 252

<211> 472

<212> DNA

<213> *Muntiacus muntjak*

<400> 252

<210> 253

<211> 472

<212> DNA

<213> *Cervus elaphus kansuensis*

<400> 253

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caaccctaac	ccgattttc	gcttccact	ttattctccc	atttatcatc	gcagcactcg	180
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<210> 254

<211> 472

<212> DNA

<213> *Cervus elaphus xanthopygus*

<400> 254

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<210> 255

<211> 472

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<213> *Cervus elaphus canadensis*

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